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Care for Veterans with

Psychosis in the VHA, FY02

4th Annual National Psychosis Registry Report

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Executive Summary

The Veterans Health Administration (VHA) and the Committee on Care of Veterans with Serious Mental Illness, continue to monitor and evaluate the capacity of VHA to treat its patients with psychosis. In 1999, the Serious Mental Illness Treatment Research and Evaluation Center (SMITREC) developed the National Psychosis Registry to assist in this endeavor. It includes comprehensive information on all veterans with psychosis who have received care in the VHA since Fiscal Year 1988.

This annual report, "Care for Veterans with Psychosis in the VHA" presents information on the state of care for patients with psychosis for the FY02 and demonstrates changes over time, allowing for early detection of trends and proactive decision making.

The report has five chapters, each focusing on a specific domain of interest to the VHA, including demographics, patient characteristics, health services utilization, use of antipsychotic medications, and costs. Each chapter includes background and discussion of the domain, key findings, a guide to the tables, and the actual national and VISN level tables. The entire report, along with station level tables for each VISN will be available on our web site: (<http://www.va.gov/annarbor-hsrd/SMITREC.htm>)

Key Findings

- Total SMI population rose again, up 4.5% from FY01 and 7.3%% from FY99.
- SCH continued its downward trend, falling 2.9% last year and 8.3% since FY99.
- BP rose again, up 7.3% in the past year, 17.4% over last 4 years.
- Other Psychoses population has risen 46% since FY99
- In FY02, over 60% of inpatient GAF scores were missing.
- Since 1999, missing GAF scores have increased in IP care and decreased in OP care.
- Missing GAF scores, stable overall from previous years, continue to vary across VISNs: Inpatient from 38.9% to 80.2%, and outpatient from 4.0% to 33.0%.
- Total IP days dropped significantly again, down 11.2% to a mean of 23.71; this is a 32.3% decrease over 4 years.
- The decline over time of total stops slowed last year (39.09 average), although this variable has still dropped 29.6% since FY99.
- Over 75% of the patients received at least one primary care visit, indicating physical health care is being addressed in a large proportion of the population.
- Use of atypicals continues to rise steadily, up to 84.9% of all patients in FY02, from 61.7% in FY99; SCH even sharper increase the past couple years, from 58.7% in FY99, 77.4% last year, then up to 82.0% in FY02.
- Clozapine: no change overall (1.9%), and SCH continues extremely slow increase, with only 3.0% using in FY02.
- Total costs for population down 4.2% to \$2.95 billion since last year with most of decrease coming from inpatient treatment, which declined sharply for third year.
- Per patient costs also dropped rather sharply to \$14,370 in FY02 (down 8.3%).
- Despite rapid gains the past few year, pharmacy cost increase slowed to only 3.2% (mean = \$1,695).

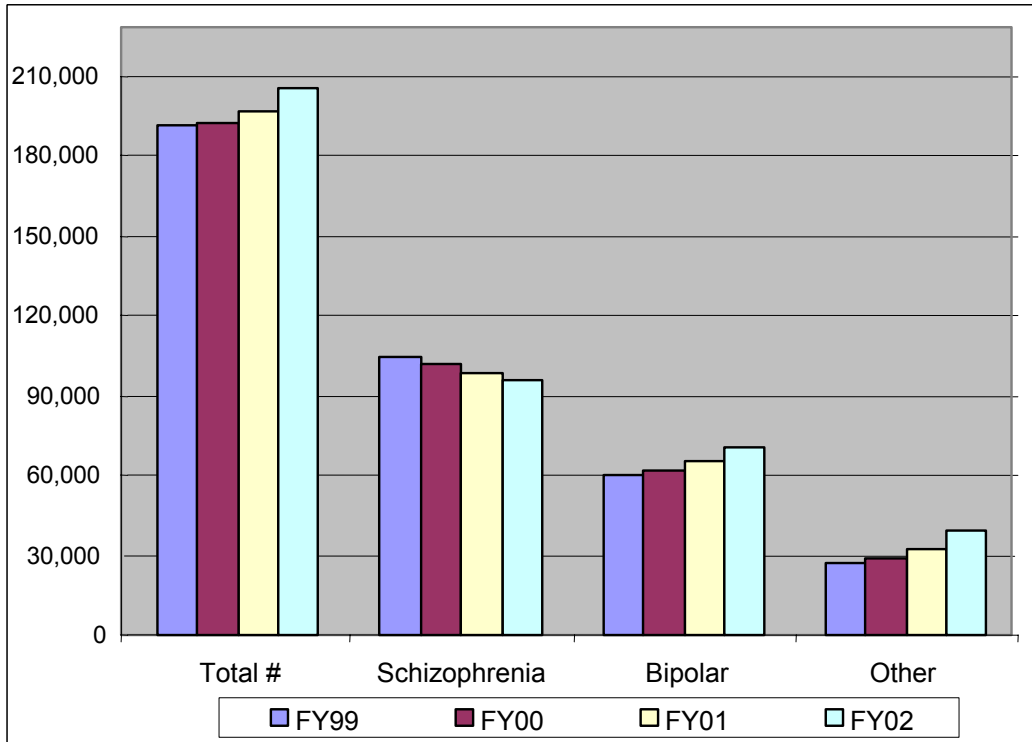
Demographics

Key findings:

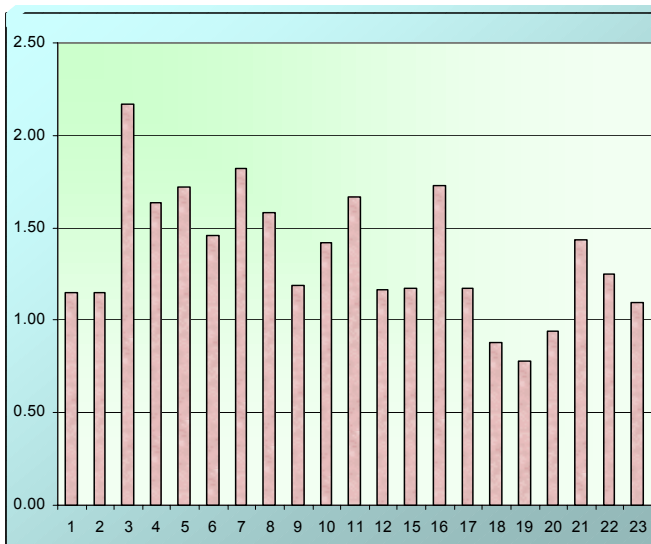
- Total population of veterans treated for psychosis during FY02 was 205,620, including 95,875 with schizophrenia, 70,345 with bipolar disorder and 39,400 with other psychotic disorders.
- Total SMI population rose again, up 4.5% from FY01 and 7.3%% from FY99.
- SCH continued its downward trend, falling 2.9% last year and 8.3% since FY99.
- BP rose again, up 7.3% in the past year, 17.4% over last 4 years.
- Other Psychoses population has risen 46% since FY99
- Sixty percent of the population was white, with 40% other racial/ethnic backgrounds.
- Entire population is aging steadily, with the mean age rising nearly 2 years in FY02 and 3 years since FY99.
- Age \geq 80 group rose 4.9% last year.
- Across VISNs:
 - Diagnostic patterns showed considerable variation, with the ratio of SCH to BP ratio ranging from 0.88 to 2.17.
 - The percentage of patients receiving a schizophrenia diagnosis varied between 35.1% and 58.9% and for bipolar disorder the range was between 27.1% and 46.2%.

Variable	FY99	FY00	FY01	FY02
Total population	191,606	192,982	196,675	205,620
Schizophrenia	104,593	102,295	98,739	95,875
Bipolar disorder	59,938	61,992	65,556	70,345
Other Psychoses	27,075	28,695	32,380	39,400
Mean age	53.80	54.31	53.97	55.87
American Indian	0.3%	0.3%	0.3%	0.4%
Asian	0.6%	0.6%	0.6%	0.6%
African American	20.7%	20.6%	20.3%	20.1%
White	61.0%	61.3%	60.7%	60.0%
Hispanic	6.0%	6.1%	5.8%	5.7%
Unknown	11.4%	11.2%	12.2%	13.3%
Never married	33.1%	31.9%	30.9%	29.8%
Female, %	6.7%	6.8%	7.1%	7.1%
SCH / BP ratio for African-American veterans	2.38	2.45	2.45	2.44
SCH / BP ratio for white veterans	0.78	0.77	0.78	0.79

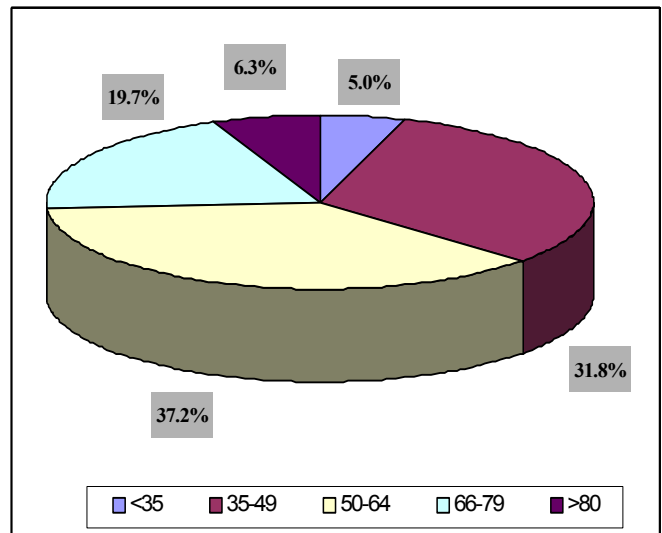
Population Diagnosis, by Psychosis Category: FY99-FY02



Diagnostic Ratio: Schizophrenia To Bipolar, by VISN: FY02



Age Distribution of Psychosis Patients, by diagnosis: FY02



Patient Characteristics

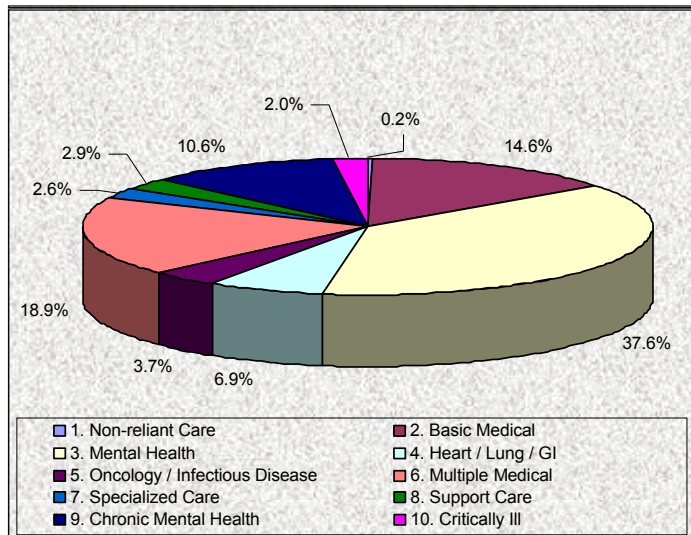
This domain gives a more detailed picture of veterans with psychosis who received care in the VHA, including the patients' history of VA utilization (years since first use and years with inpatient and outpatient use), average inpatient and outpatient GAF scores, as well as the percentage of appropriate patients for whom GAFs were reported, mortality rates (crude and age-and-gender-adjusted), level of service connection, VERA patient class and eligibility category, extent of substance abuse comorbidity, homelessness and distances to medical centers and service sites.

Key findings:

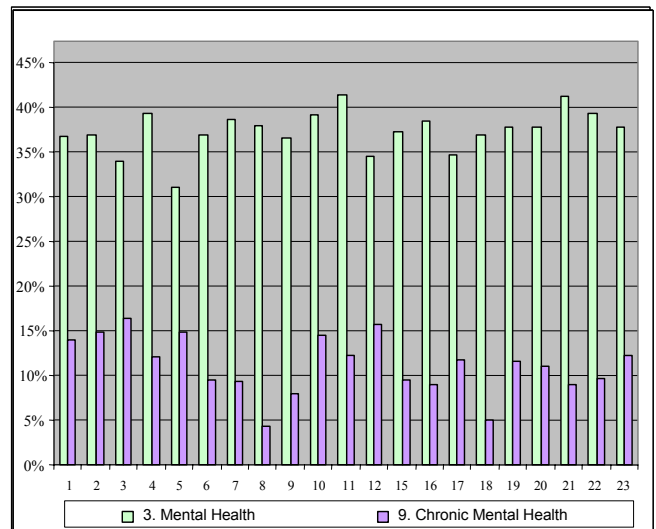
- Patients with schizophrenia were more likely than other diagnostic groups to have received a psychosis diagnosis from VA providers in FY01 (81.4%) and therefore to have been included in the FY01 NPR cohort. The same was true for 63.2% of patients with Bipolar Disorder and only 33.4% of patients with Other Psychoses.
- As a further indication of diagnosis stability, for patients with psychoses in both FY01 and FY02, 94.5% of SCH had the same dx in both years, 93.7% had a BP diagnosis in both years and only 81.6% of Other Psychoses had a stable diagnosis in both years.
- In FY02, over 60% of inpatient GAF scores were missing.
- Since 1999, missing GAF scores have increased in IP care and decreased in OP care.
- Missing GAF scores, stable overall from previous years, continue to vary across VISNs: Inpatient from 38.9% to 80.2%, and outpatient from 4.0% to 33.0%.
- 2.9% of patients died in FY02.
- The standardized mortality ratio was 1.61 for SCH and 1.08 for BP.
- 18.2% of patients were in the VERA complex category.
- VERA category "Chronic MH" higher for SCH than BP (16.2% vs. 7.5%).
- VERA "complex" patients varied from 11.6% to 25.8% across VISNs with the complex category of "chronic mental" varying from 5.0% to 16.4%.
- 29.8% of veterans were service connected at over 70%, with 22.9% having a 100% service connection.
- BP had higher rates of concurrent substance abuse diagnoses (31.6% vs. 23.7%).

Variable	FY99	FY00	FY01	FY02
Mean outpatient GAF score	50.92	50.33	50.56	50.30
Missing Inpatient GAF	28.3%	59.5%	59.3%	60.6%
Missing Outpatient GAF	29.8%	18.6%	14.3%	16.2%
Died during year, %	2.8%	2.9%	2.8%	2.9%
Standardized mortality ratio (all)	1.38	1.31	1.42	1.37
SMR (SCH)	1.37	1.29	1.58	1.61
MSA resident	79.0%	78.1%	77.9%	79.7%
Homelessness, %	--	--	12.8%	12.4%
VERA complex, %	17.0%	16.6%	19.3%	18.2%
Eligibility: category A, %	97.8%	97.0%	96.3%	95.3%
Eligibility: non-veteran, %	0.8%	0.7%	0.7%	0.6%

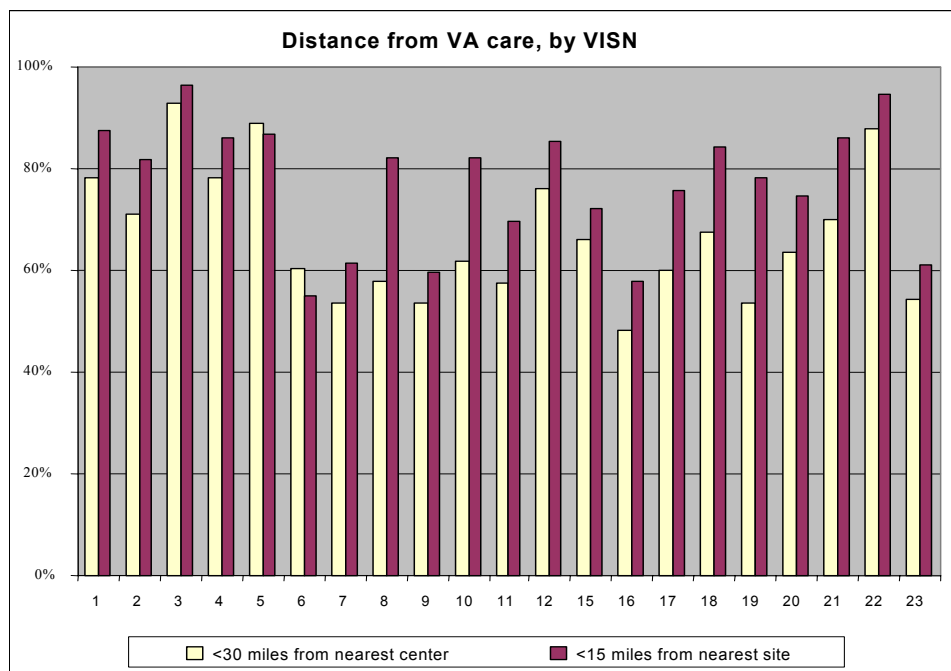
VERA10 Eligibility, by category: FY02



VERA10 Eligibility, by VISN: FY02



Distance from VA care, by VISN: FY02



Utilization

It is imperative that the VA track the use of services by patients with psychotic disorders. We attempt to fulfill this need by reporting extensively on both 24-hour institutional care (hospital, nursing home, domiciliary, and residential rehabilitation) and outpatient care.

Inpatient

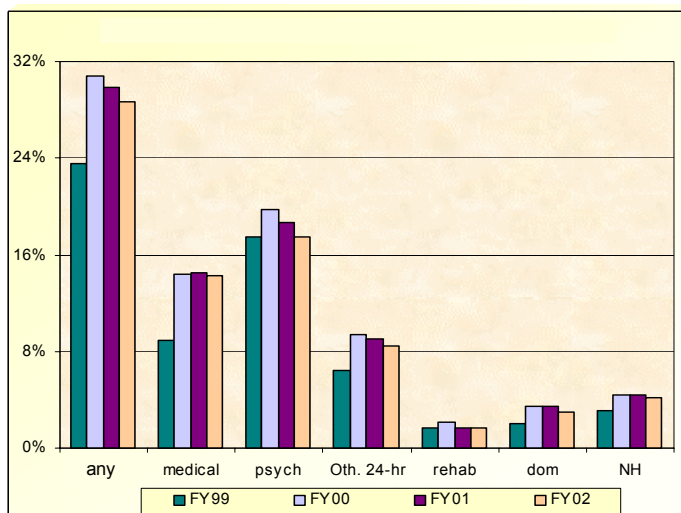
Key findings:

- Overall hospital use:
 - Total IP days dropped significantly again, down 11.2% to a mean of 23.71; this is a 32.3% decrease over 4 years.
 - Long admissions of 100+ days continued to drop rather sharply, with only 2.6% of patients requiring such extended hospital visits last year (down from 4.8% in FY99)
- Medical:
 - Percent of patients admitted continues to rise, up to 14.3% from 8.9% in FY99.
- Psychiatric:
 - Total IP days decreased another 13.3% last year to 16.43, a total substantial drop of 38.6% since FY99.
 - 17.5% of NPR patients had some inpatient psychiatric care, and for those with an inpatient stay, there were an average of 1.04 admissions and an average stay of 16.43 days.
 - Percentage of SCH with stays of 100+ and 150+ days was almost four times higher than that for BP.
- Other institutional:
 - Despite a small decrease last year in percentage of NPR patients with this type of care (8.4%), this number is still well above FY99 total of 6.4%.
- Residential rehabilitation:
 - 1.7% of NPR patients had some residential rehabilitation
 - SCH spent more time in residential rehabilitation (46.2 vs. 36.7 days) and 100+ day stays were two times higher.
 - 100+ days were up again to 6.2%, a large increase from 2.7% in FY99.
- Domiciliary:
 - 3% of NPR patients had some domiciliary care
 - SCH had more total days in domiciliaries (105.6 vs. 84.2 days).
 - Total days were down approximately 10% since FY99.
- Nursing home:
 - 4.2% of NPR patients had some nursing home care
 - Veterans with Other Psychoses had much higher use because of the higher age in this group
 - SCH had twice as much use as BP.
 - Despite less use, SCH total days were much higher than Other Psychoses (153.6 vs. 66.1), and than BP (103.1).
 - Nearly half (48%) of SCH have stays of 100+ days.

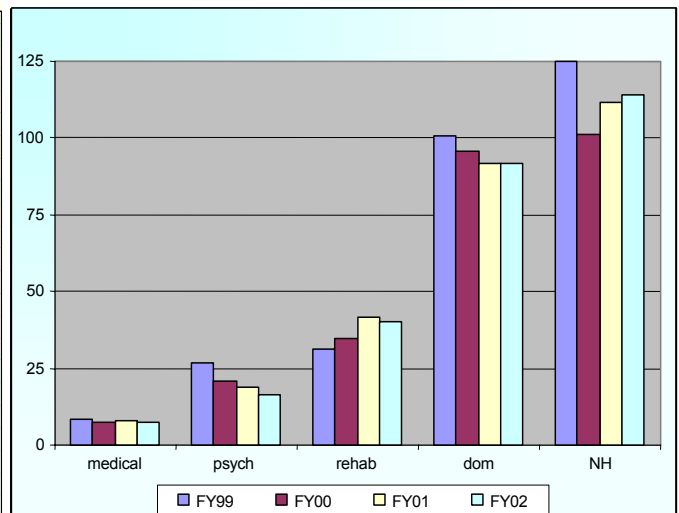
Variable	FY99	FY00	FY01	FY02
Hospital: total				
% with some	23.5%	30.9%	29.9%	28.7%
admits	2.00	1.89	1.88	1.85
days	35.03	28.34	26.71	23.71
100+ days, %	4.8%	3.6%	3.4%	2.6%
Hospital: medical				
% with some	8.9%	14.4%	14.5%	14.3%
admits	0.65	0.78	0.80	0.82
days	8.28	7.68	7.76	7.29

Variable	FY99	FY00	FY01	FY02
100+ days, %	1.0%	0.7%	0.8%	0.7%
Hospital: psychiatric				
% with some	17.5%	19.7%	18.7%	17.5%
admits	1.35	1.11	1.08	1.04
days	26.75	20.66	18.95	16.43
100+ days, %	3.9%	3.0%	2.6%	2.0%
% with other institutional care	6.4%	9.4%	9.1%	8.4%
Residential rehabilitation:				
% with some	1.7%	2.2%	1.7%	1.7%
admits	1.13	1.12	1.11	1.11
days	31.20	34.64	41.45	40.01
100+ days, %	2.7%	4.0%	6.0%	6.2%
Domiciliary:				
% with some	2.0%	3.4%	3.4%	3.0%
admits	1.17	1.19	1.18	1.13
days	100.63	95.69	91.62	91.89
100+ days, %	31.9%	30.8%	29.4%	30.6%
Nursing Home:				
% with some	3.1%	4.4%	4.4%	4.2%
admits	1.20	1.26	1.24	1.24
days	125.19	101.40	111.73	113.85
100+ days, %	31.9%	33.9%	33.5%	34.6%

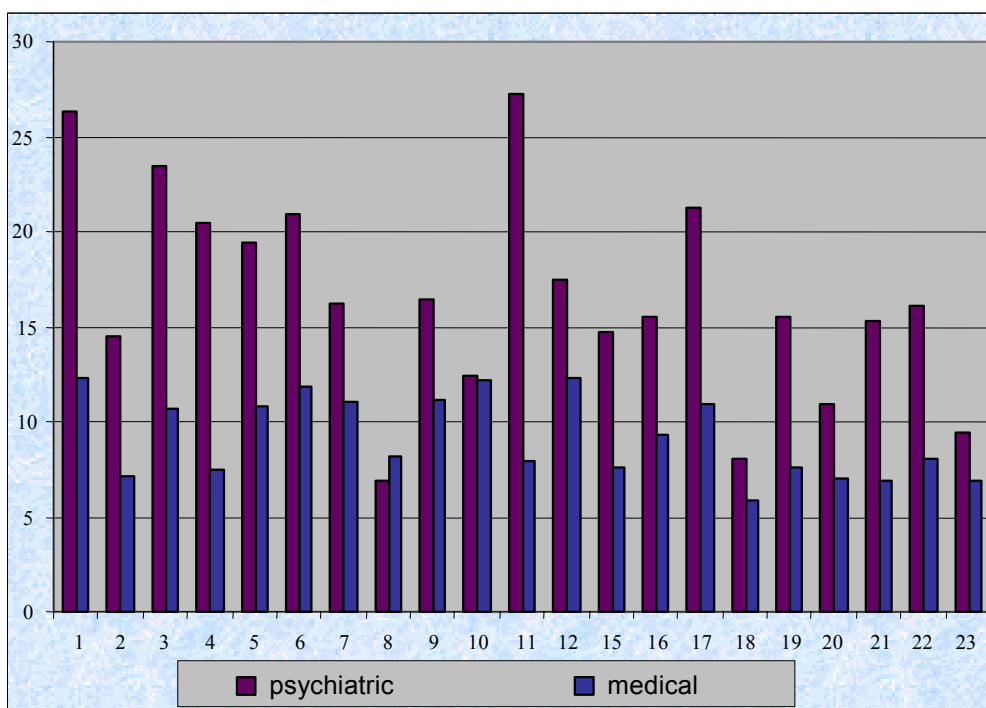
**% with Inpatient Utilization,
by domain: FY99-FY02**



**Mean Institutional Days, by
domain: FY99-FY02**



Mean Inpatient Days, among Patients Hospitalized in FY02, by VISN

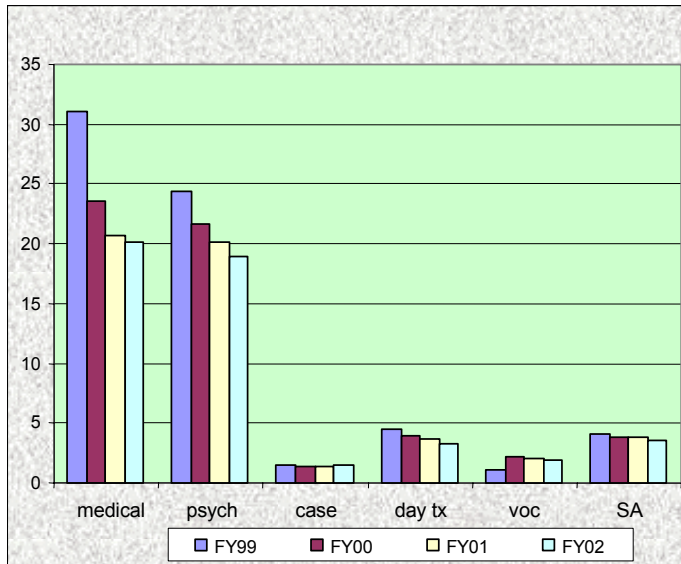


Outpatient

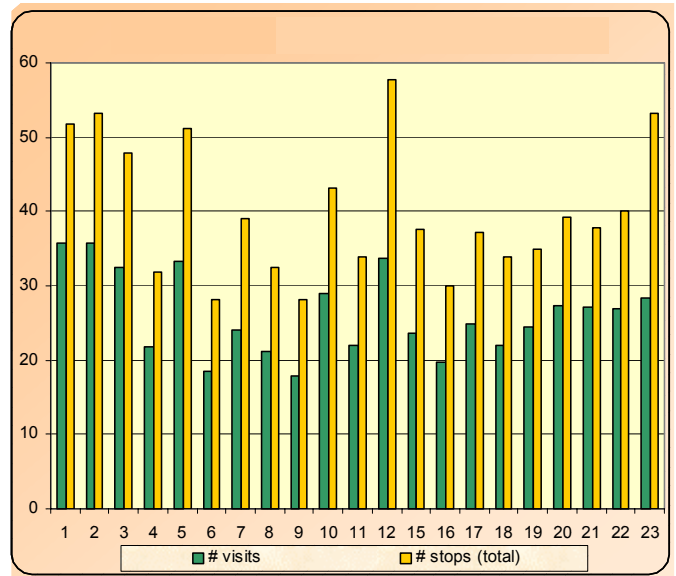
- Overall stops:
 - Almost all patients had at least one OP stop (99.1%).
 - The decline over time of total stops slowed last year (39.09 average), although this variable has still dropped 29.6% since FY99.
 - SCH had more overall stops (42.6) than BP (38.3) or Other Psychoses (32.0)
 - Average total *stops* demonstrated high variability across VISNs: from 28.10 to 57.76 with notable ranges observed for *psychiatric* (8.89-33.30), *case management* (0.21-4.16), *day treatment* (0.28-8.86), and *vocational training* (0.22-4.74).
- Psychiatric stops:
 - Patients had an average of 18.93 psychiatric stops.
 - Steady decline in psychiatric stop continues with 22.4% drop since FY99.
 - SCH had more psychiatric stops than BP (19.3).
- Primary care:
 - Over 75% of the patients received at least one primary care visit, indicating physical health care is being addressed in a large proportion of the population.
 - Other Psychoses had the most overall use of primary care (82.3%), then BP (77%) and SCH the lowest (71%)
 - Patients having at least one *primary care* visit during FY02 ranged across VISNs from 67.3% to 82.8%
- Other care:
 - Consistent with Dual Dx rates, BP had more Sub Abuse stops than SCH (4.6 vs. 3.0).
 - There was very little case management, an average of only 1.44, although for those who received some, the average number of visits was higher for SCH than for BP (2.6 vs 0.6).
 - Decrease in day treatment, substance abuse and vocational stops continues.

Variable	FY99	FY00	FY01	FY02
Some OP care, %	98.8%	98.9%	98.9%	99.1%
Primary care visit, %	--	--	73.1%	75.2%
PC visits (mean)	--	--	2.70	3.53
# total visits	27.48	27.33	26.25	25.52
# stops (total)	55.52	45.23	40.78	39.09
# stops (medical)	31.11	23.55	20.65	20.15
# stops (psychiatric)	24.41	21.68	20.13	18.93
# stops (case management)	1.43	1.38	1.37	1.44
# stops (day treatment)	4.48	3.96	3.64	3.33
# stops (substance abuse)	4.14	3.84	3.77	3.52
# stops (vocational)	1.08	2.23	2.03	1.86

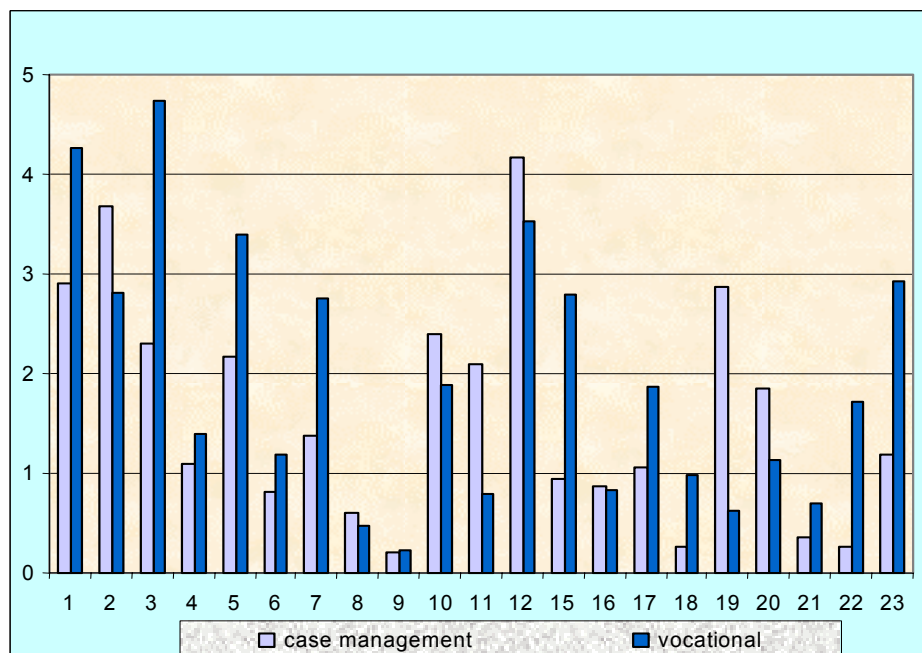
Mean Outpatient Stops, among Patients with some OP utilization, by domain: FY02



Mean Outpatient Visit Days and Stops, among Patients with some OP utilization, by VISN: FY02



Mean Psychiatric Case Management Stops, among Patients with some OP utilization, by VISN: FY02



Medication

Antipsychotic medications are an essential component of the treatment of patients with schizophrenia. We assessed the use of antipsychotic medication among patients with schizophrenia, using a variety of measures, including: the percentage of patients receiving any oral antipsychotic medication, the percent receiving atypical antipsychotic agents, receiving clozapine, and receiving combination antipsychotic treatment (two or more antipsychotics concurrently).

In addition, we calculated a measure of the continuity of antipsychotic treatment, the Medication Possession Ratio (MPR). The MPR is the ratio of the number of days supply of medication that a patient *has received* divided by the number of days supply that they *should have received* had they been taking medication as prescribed. (An MPR of 1 or 100% indicates that the patient has received all the medication needed to take their antipsychotic medication as prescribed. An MPR of 0.5 or 50% indicates that the patient has received medication sufficient to take only half of the prescribed dose.)

- SCH had much higher use of antipsychotic than did BP (77.9% vs. 42.9%), although the overall use of atypicals was higher in BP (89.8% vs. 82.0%)
- There was almost no Clozapine use in BP (0.2%), but Olanzapine (44.7% vs. 38.4%) and Quetiapine (26.0% vs. 17.9%) higher in BP. Only Risperidone higher in SCH (36.6% vs. 32.4%).
- Concurrent use of 2+ antipsychotic three times higher in SCH (15.0% vs 5.0%) than BP.
- Mean antipsychotic fills were as follows: SCH=8.7, BP=6.3, Other Psychoses=5.5.
- overall use / # fills: no change in % receiving any drug fills, almost everyone; same with antipsychotics. The average # of fills continues with the slight downward trend to 7.60 in FY02.
- Use of atypicals continues to rise steadily, up to 84.9% of all patients in FY02, from 61.7% in FY99; SCH even sharper increase the past couple years, from 58.7% in FY99, 77.4% last year, then up to 82.0% in FY02.
- Clozapine: no change overall (1.9%), and SCH continues extremely slow increase, with only 3.0% using in FY02.
- Other atypicals:
 - Quetiapine: accelerating use continues, with notable increase again in FY02 to 20.6%.

- Olanzapine: after large increase and practically peaking in FY00, this is the only atypical to decrease last year (38.9%). Possible reasons include increased concerns over weight gain.
- Risperidone: appears to pick up the slack from Olanzapine, this drug is up to 37.1% after stalling in FY01.
- Ziprasidone: 3.5% overall use in first year on VA formulary, with SCH=4.0% vs. BP=2.9%.
- Concurrent use: this continues to slowly increase every year, for both entire population (11.1%) and SCH alone (15.0%).
- Medication Possession Ratio (MPR)
 - Still only calculated for SCH, compliance rates appear to be continually increasing since FY00, both in average MPR and % below certain cutoff points. The mean MPR is slightly up again to 0.82 (from 0.81 in FY01), with those below 80% (“poor”) and 50% (“very poor”) compliance down to 37.9% and 18.5%, respectively. See text in Chapter for description about slight change to MPR calculation in FY02.
 - The percent of patients receiving at least one antipsychotic fill in FY02 ranged between 48.5% and 65.3%
 - Specific atypical use also varied considerably for all 5 drugs measured: Olanzapine, for example, ranged from 29.0% to 51.1%, while among patients with schizophrenia Clozapine and Ziprasidone ranged from 1.2%-6.5% and 1.1%-6.3% (approximately 5-6x differences).
 - Concurrent use of 2+ medications for patients with schizophrenia varied from as low as 9.5% to over ¼ of all these patients (26.3%).
 - Overall medication compliance, as measured by the mean MPR, varied between 0.81 and 0.96. The proportion of patients with MPR<0.80 also varied across VISNs, from 24.1% to 43.2%.

Variable	FY99	FY00	FY01	FY02
% receiving any OP fill	--	--	95.3%	95.3%
% some antipsychotic fills	56.4%	57.0%	59.6%	59.7%
# antipsychotic fills, mean	8.40	7.51	7.30	7.20
% some atypical use	61.7%	77.7%	80.1%	84.9%
% on Clozapine	1.8%	1.9%	1.9%	1.9%
% on Clozapine (SCH only)	2.5%	2.7%	2.9%	3.0%
% on Olanzapine	32.6%	39.3%	40.0%	38.9%
% on Quetiapine	3.2%	7.7%	12.9%	20.6%
% on Risperidone	32.1%	36.0%	35.8%	37.1%
% on Ziprasidone	--	--	--	3.5%
MPR, mean (SCH only)	81.4%	77.4%	81.2%	82.0%
MPR <= 0.80, % (SCH only)	43.5%	44.3%	39.4%	37.9%
MPR <= 0.50, % (SCH only)	24.5%	23.7%	19.3%	18.5%
concurrent 2+ meds	8.7%	9.6%	10.5%	11.1%
concurrent 2+ meds (SCH only)	10.6%	12.1%	13.7%	15.0%

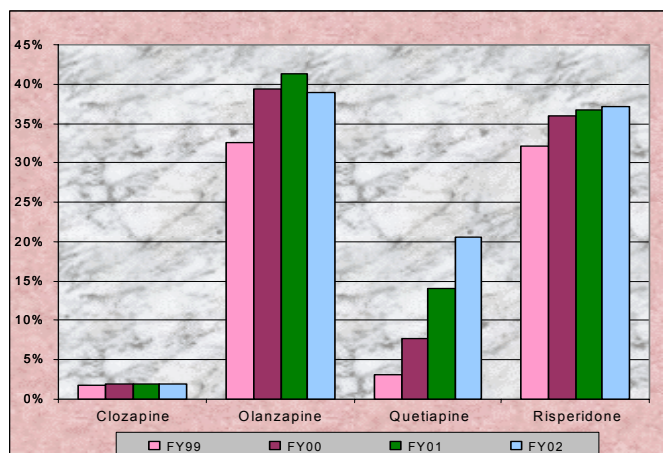
Patients with Schizophrenia:

Variable	FY99	FY00	FY01	FY02
% some antipsychotic fills	73.5%	73.3%	76.1%	77.9%
Fills, #	9.3	8.3	8.3	8.3
% some atypical use	58.7%	70.3%	77.4%	82.0%
% on Clozapine	2.5%	2.7%	2.9%	3.0%
% on Olanzapine	31.8%	38.0%	40.0%	38.4%
% on Risperidone	29.5%	33.7%	35.8%	36.6%
% on Quetiapine	2.9%	7.1%	12.9%	17.9%
% on Ziprasidone	--	--	--	4.0%
Concurrent, %	10.6%	12.1%	13.7%	15.0%
MPR, mean	81.4%	77.4%	81.2%	82.0%
MPR <= 0.80, %	43.5%	44.3%	39.4%	37.9%
MPR <= 0.50, %	24.5%	23.7%	19.3%	18.5%
concurrent 2+ meds	10.6%	12.1%	13.7%	15.0%

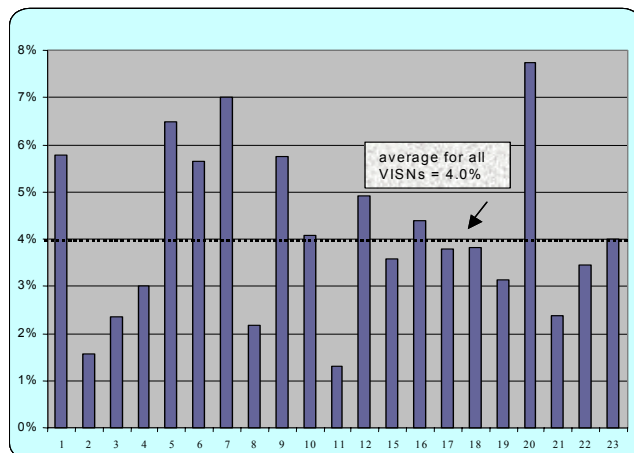
Patients with Bipolar Disorder:

Variable	FY99	FY00	FY01	FY02
% some antipsychotic fills	32.1%	35.2%	40.8%	42.9%
Fills, #	6.5	6.2	6.0	6.1
% some atypical use	69.2%	82.0%	85.5%	89.8%
% on Clozapine	0.2%	0.2%	0.1%	0.2%
% on Olanzapine	36.6%	46.1%	48.6%	44.7%
% on Risperidone	36.5%	37.2%	33.6%	32.4%
% on Quetiapine	4.0%	9.6%	17.3%	26.0%
% on Ziprasidone	--	--	--	2.9%
Concurrent, %	3.9%	4.1%	4.8%	5.0%

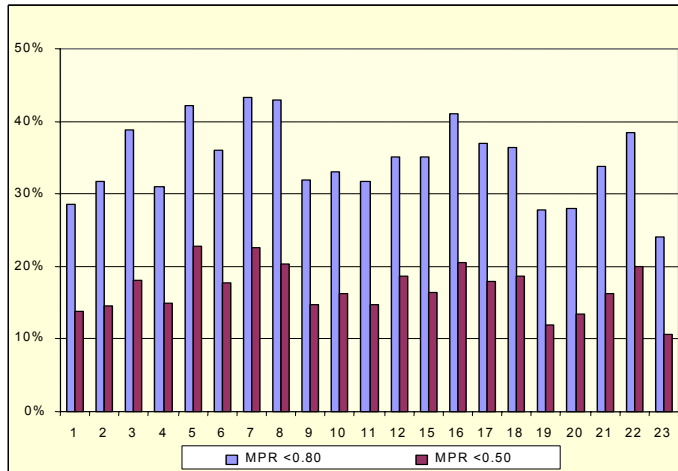
Receipt of Atypical Antipsychotics, among Patients Receiving Some Antipsychotic Medication, %: FY99-FY02



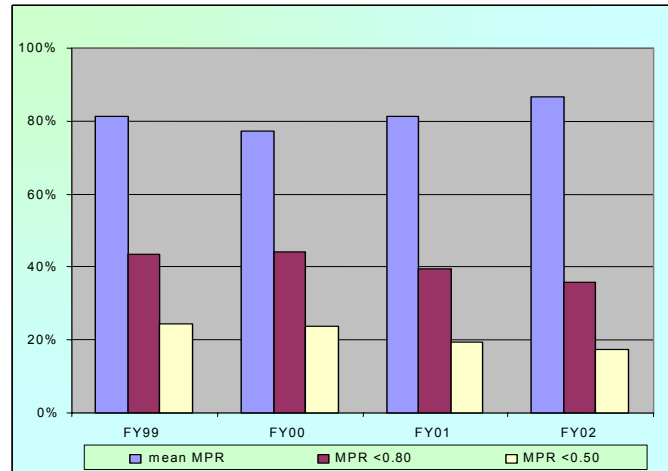
Ziprasidone Use among Patients with Schizophrenia Receiving Some Medication, %: FY02



Antipsychotic Medication Adherence (via MPR) among Patients with Schizophrenia receiving some Antipsychotic Medication, by VISN: FY02



Medication Adherence (via MPR): FY99-FY02



Costs

To provide the broadest range of information, we report on total costs obtained from ARC for NPR patients, as well as the relative costs of psychiatric and medical care and of inpatient and outpatient care. We also report on 15 specific cost centers.

- Total costs:
 - Total cost for patients with psychosis was close to \$3B.
 - Total costs for population down 4.2% to \$2.95 billion since last year with most of decrease coming from inpatient treatment, which declined sharply for third year.
 - SCH represented 47% of NPR patients and 52.4% of total costs
- Per patient costs:
 - Average spent per patient was \$14,370 with \$6,515 for OP care, \$4,849 for IP care, \$1,695 in pharmacy costs.
 - Per patient costs also dropped rather sharply to \$14,370 in FY02 (down 8.3%).
 - Total cost per patient varied greatly between VISNs, from \$9,986 to \$21,462 with costs for outpatient, inpatient and pharmacy also showing similar ranges.
 - Overall spending per patient was \$16,139 for SCH, \$12,050 for BP, and \$14,207 for Other Psychoses.
- Service location costs:
 - 32.3% of total costs were for psychiatric care.
 - After rising substantially in FY01, average outpatient costs also decreased 6.1% last year to \$6,515.
 - Despite rapid gains the past few year, pharmacy increase slowed to only 3.2% (mean = \$1,695).
 - Decline in the fraction of cost for psychiatric care continues, down to 32.3% in FY02 as compared to 41.0% in FY99.
 - Across VISNs the percentage of total costs attributed to psychiatry ranged from 23.1% to 39.6% and the portion due to pharmacy varied between 7.3% to 17.2%
 - SCH had higher IP costs than BP (\$5,536 vs. \$3,751)
 - SCH had approximately 20% higher pharmacy costs than BP.

Variable	FY99	FY00	FY01	FY02
Total Cost	\$2.9B	\$2.8B	\$3.1B	\$2.9B
\$ per patient	\$15,593	\$14,518	\$15,673	\$14,370
Outpatient \$ per patient	\$5,893	\$5,553	\$6,939	\$6,515
Hospital \$ per patient	\$6,908	\$6,471	\$5,597	\$4,849

Variable	FY99	FY00	FY01	FY02
Other \$ per patient	\$2,792	\$2,494	\$3,137	\$3,193
Pharmacy \$ per patient	\$1,356	\$1,374	\$1,642	\$1,695
Psych costs %	41.0%	40.3%	34.6%	32.3%
Costs other station, %	5.1%	4.5%	4.2%	4.1%
Costs other VISN, %	1.8%	1.7%	1.6%	1.6%

* Cost data source is the Allocation Resource Center (ARC). Cost data in FY99 and FY01 were derived from Cost Distribution Report data (CDR). FY01 was a transitional year in which cost data were calculated from the CDR and also from Decision Support System (DSS) data. This report presents DSS costs data.

** Analysis of ARC's CDR and DSS-generated FY01 costs indicate that DSS cost estimates were 7.84% greater than ARC's CDR-based estimates. For these comparisons, where actual CDR measures were not available, FY01 DSS costs were adjusted.

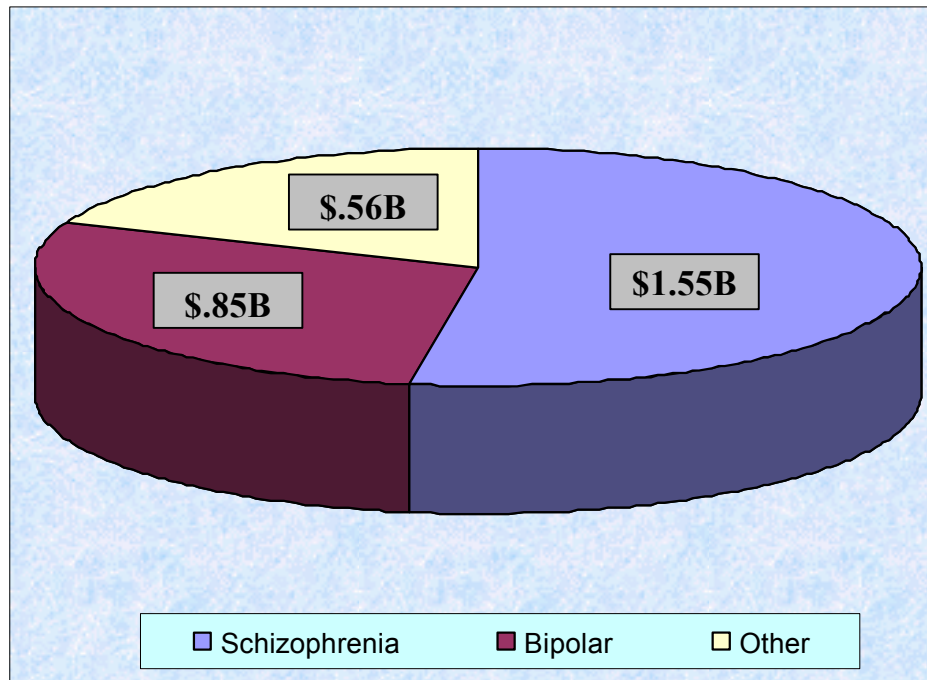
Patients with Schizophrenia:

Variable	FY99	FY00	FY01	FY02
Total SCH population	104,593	102,295	98,739	95,875
Total cost, all	\$1.8B	\$1.6B	\$1.7B	\$1.5B
Costs, per patient	\$16,926	\$15,810	\$17,182	\$16,139
Costs, OP	\$6,177	\$5,928	\$7,249	\$6,815
Costs, IP	\$7,614	\$7,180	\$6,304	\$5,536
Costs, other	\$2,981	\$2,802	\$3,629	\$3,789
Costs, pharmacy	\$1,475	\$1,520	\$1,807	\$1,904
Psych, %	44.9%	44.4%	38.5%	36.2%

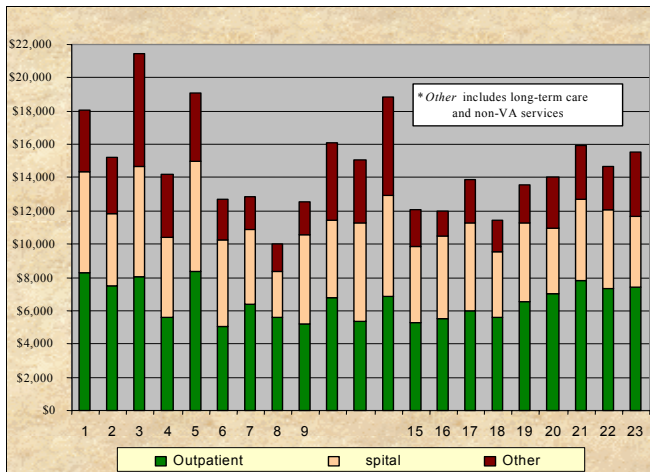
Patients with Bipolar Disorder:

Variable	FY99	FY00	FY01	FY02
Total BP population	59,938	61,992	65,556	70,345
Total cost, all	\$7.8M	\$7.5M	\$8.6M	\$8.5M
Costs, per patient	\$13,035	\$12,102	\$13,208	\$12,050
Costs, OP	\$5,677	\$5,323	\$6,767	\$6,233
Costs, IP	\$5,468	\$5,020	\$4,303	\$3,751
Costs, other	\$1,889	\$1,751	\$2,111	\$2,066
Costs, pharmacy	\$1,246	\$1,233	\$1,513	\$1,537
Psych, %	41.6%	40.9%	35.8%	34.5%

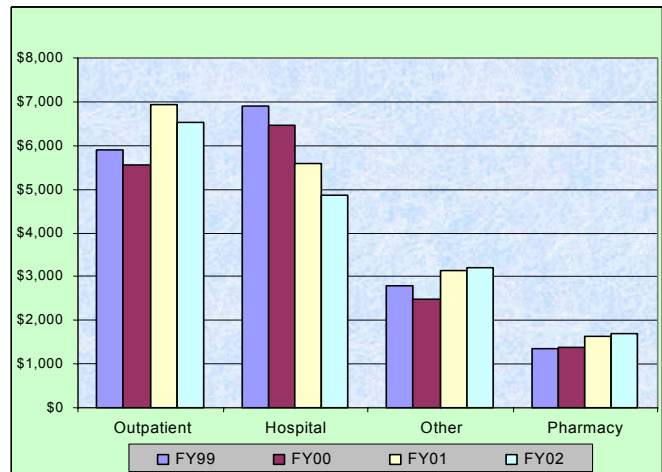
Total Costs, by diagnosis: FY02



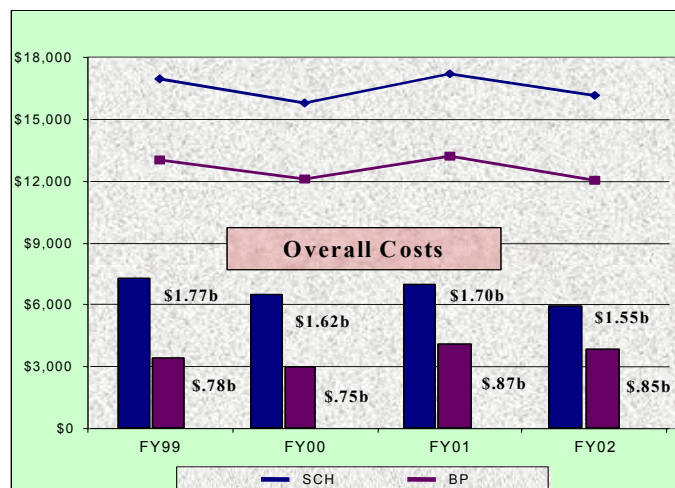
Average Cost per Patient, by VISN: FY02



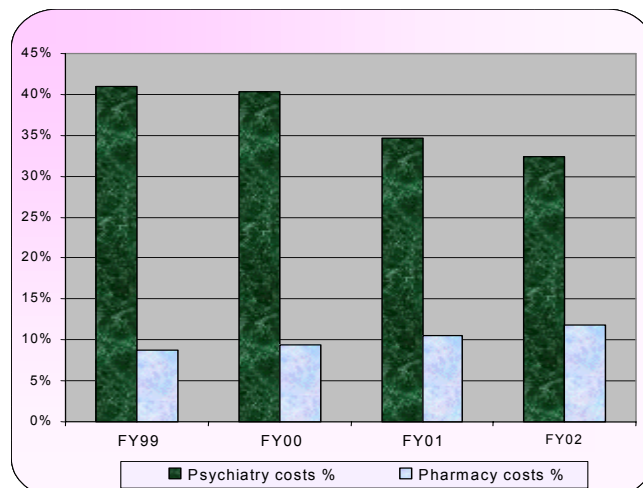
Average Cost per Patient, by sector: FY99-FY02



**Total Costs per Patient, by diagnosis:
FY99-FY02**



**Psychiatric and Pharmacy Costs, as % of
Total Costs: FY99-FY02**



Future Directions

The annual “Care in the VHA for Veterans with Psychosis” report was designed to present a comprehensive summary of all treatment provided to seriously mentally ill veterans. It provides information essential to inform decision makers in VHA as they continue to struggle to implement practice guidelines, assure compliance with existing mandates and to optimize the efficient delivery of high quality care.

This annual National Psychosis Registry Report is intended to evolve over time to encompass and respond to the needs of its readers. We hope to have a web based data warehouse for next year’s data to allow individual readers to access the information most helpful for them. We will also be providing longitudinal comparisons on the VISN level as well as the national level.

As always, SMITREC welcomes feedback and suggestions regarding ways to improve the presentation of data, the interpretation of findings, or the incorporation of additional variables of interest.

Background

This report focuses on the most vulnerable of those patients with mental illness, those with psychosis. In addition to the chronicity, medication side effects and diminished function, numerous studies indicate that patients with mental illness, especially psychosis, have a greater risk of premature death than the general population (Dembling, Chen, & Vachon, 1999; Black, 1998). There is also evidence that patients with psychosis have higher rates of medical comorbidities (Dalmau, Bergman, & Brismar, 1997) and that there are large numbers who do not receive adequate medical care (Brugha, Wing, & Smith, 1989; Maricle, Hoffman, Bloom, Faulkner, & Keepers, 1987). Caring for this vulnerable population represents a major and costly responsibility for the VHA. In FY02, VHA provided medical and psychiatric care for 205,620 patients with psychosis, at a cost of \$2,954,765,790.

Many characteristics of the population of veterans with psychosis and of the services provided them by VHA are analyzed at the national level, by VISN and for each station. These include descriptive characteristics such as diagnosis, demographics, functional status, mortality rates, VERA patient class and distance from closest VA facility.

Along with health care systems nationwide, the VHA has been rapidly moving from an inpatient to an outpatient model for the provision of general and mental health services. This has led to a greater reliance on community-based programs, intensive case management and care management techniques (VHA, 1998). In order to ensure that these services would in fact provide adequate care for vulnerable patients, Congress passed Public Law 104-262, the Veterans Healthcare Eligibility Reform Act of 1996. It requires that VA "...maintain its capacity to provide for the specialized treatment and rehabilitation needs of disabled veterans... within distinct programs or facilities...that are dedicated to the specialized needs of those veterans in a manner that (A) affords those veterans reasonable access to care and services ...and (B) ensures that overall capacity...is not reduced below the capacity...nationwide...as of October, 1996."

This fourth annual "Care in the VHA for Veterans with Psychosis" report provides information to the VHA and its VISNs, to assist in monitoring the maintenance of the capacity to treat its SMI population. The VHA's patients with psychosis, the services provided them and the costs associated with these services are described nationally, by VISN and by station, allowing for assessment of similarities and differences, along with trends over time. Of special interest are the various ways in which networks organize their services and direct their resources.

The use of antipsychotic medications is described in a separate chapter. The reporting of pharmacy data provides VHA with information on the use of typical versus atypical antipsychotic medications, with special attention paid to Clozapine usage and to what percentage of patients with psychosis are receiving any appropriate medications in the amounts required to adequately treat their conditions.

"Care for Veterans with Psychosis in the VHA, FY02" paints a timely picture of the state of care for patients with psychosis within the VHA. As differences in treatment and spending priorities emerge, the possible impact of these differences on patient well-being will be explored, supporting efforts to provide the highest quality of treatment possible.

SMITREC

Public Law 101-507 provided additional financial resources to enhance the care of seriously mentally ill veterans who had been institutionalized in VA medical centers. In compliance with this legislation, the VHA developed the Long Term Mental Health Enhancement Program (now SMITREC) to: 1) support the discharge and maintenance in the community of veterans with serious mental illnesses and a history of institutional dependence; 2) decrease excess mortality; 3) improve recruitment, morale, and retention of clinical care providers for the seriously mentally ill, and 4) develop the capacity of clinicians and managers to identify, conceptualize, and prepare plans to improve and enhance the long-term care of veterans with serious mental illnesses.

Central program enhancement funds were apportioned by Congress to establish new specialized programs for veterans with serious and persistent mental illnesses to facilities traditionally most involved in the care of these patients. SMITREC was established as part of this funding mechanism to monitor and evaluate the transition of care for the seriously mentally ill and to provide policy makers and clinical administrators with data that would assist in the development of alternatives to long-term institutional care. With the reorganization of the VHA and a shift of emphasis from inpatient to outpatient care, SMITREC's evaluation and monitoring role currently includes the impact of deinstitutionalization on access to care, course of treatment, cost of care, medication prescription practices, and outcomes (e.g. quality of life, patient satisfaction, functioning, symptomatology, loss to VA care, homelessness).

The Psychosis Registry

Following the recommendation of the Committee on Care of Severely Chronically Mentally Ill Veterans, the Serious Mental Illness Treatment Research and Evaluation Center (SMITREC) developed the Psychosis Registry in 1998. The Psychosis Registry is an ongoing registry of all veterans diagnosed with psychosis (schizophrenia other than latent, schizoaffective disorder, bipolar disorders, and other non-organic psychoses) who have received VHA services from 1988 to the present. Thus, the registry consists of records for all patients who received a diagnosis of psychosis during inpatient stays for FY88-FY02 and during outpatient visits for FY97-00.

The Psychosis Registry has been and will be used for a number of different analyses. In late 1999, SMITREC presented a white paper to the VA titled "Veterans with Psychosis in the VHA FY89-FY98: Access to Care, Loss to Follow-up, and Mortality" which studied trends in health care utilization, deinstitutionalization, capacity, mortality, and other issues related to the care of the seriously mentally ill veterans in the VHA. Current and upcoming areas of work, and recent publications, include: "Gender differences in the diagnosis and treatment of serious mental illnesses in the VHA: Special issues for women veterans", "Health care utilization among patients with schizophrenia and diabetes", "Ethnicity and diagnostic patterns among SMI veterans", "Influence of aging and diagnosis upon utilization", "Accessibility Barriers to Care among Veterans with Psychoses", "Patient and Treatment Correlates of Psychiatric Disorders Among Individuals in VA Nursing Home and Community Residential Care", "Health Services Needs of Aging Veterans with Schizophrenia", "Major Psychotic Disorders as Predictors of Outcome in Surgical Patients", "Determinants of Treatment Retention for Veterans with Psychoses", "Atypical antipsychotic use across ethnic groups", "Excess Mortality Among Veterans with Serious Mental Illness", "Pharmacy data identifies poorly adherent patients at increased risk for admission", and "Poor Antipsychotic Adherence Among Patients with Schizophrenia: Medication and Patient Factors" (Valenstein et al., 2002; Valenstein et al., in press, *Schizophrenia Bulletin*). Based upon medication compliance findings in previous Reports, a multi-site grant has also been funded and is now underway to improve compliance among SMI veterans.

Report Overview and Structure

Registry patients were identified using data obtained from the VA Patient Treatment File (PTF), census data files, and Outpatient Care Files (OPC) located at the Austin Automation Center in Texas and were included provided they had at least one qualifying psychosis diagnosis in the FY02 inpatient or outpatient data. Qualifying diagnoses included schizophrenia disorders other than latent, schizoaffective disorder, bipolar disorders, and other non-organic psychoses. (See Appendix A for specific ICD-9 codes included.)

Because the treatment needs and disease course differ substantially among diagnoses, variables are reported for each group separately and collectively. Patients often receive more than one diagnosis over time or even during one episode of care. Patients were therefore “assigned” to the diagnosis which appeared in the greatest number of episodes of care during FY02. Ties were resolved using a rank ordering of 1) schizophrenia, 2) bipolar disorder and 3) other psychosis.

The VA Site Tracking (VAST) system was used to identify parent station groupings among VISNs and each patient was assigned to a station bases on where they had the most inpatient and outpatient utilization in FY02. This algorithm assessed one inpatient day of stay as equivalent to two outpatient visit days in order to account for the possibility of one inpatient stay unreasonably affecting the outcome.

The Report consists of five chapters, each focusing on a specific domain of interest to the VA. These domains include demographics, patient characteristics, utilization, use of anti-psychotic medication and cost. Each chapter includes discussion of the domain, global tables offering an overview of the entire VA and tables comparing the same variables across VISNs. Our web site (<http://www.va.gov/annarbor-hsrd/>) presents these variables for each station, organized by VISN.

Chapter 1

Demographics

Background

In order to tailor current services and to follow trends for more targeted planning efforts, it is essential for the VA to have information on the characteristics of its patients with psychoses.

Age

Patient age is often pivotal to understanding their psychiatric illness, as well as being linked to medical comorbidity and, thereby, health care utilization. SMI conditions, especially schizophrenia, are generally considered diseases of younger individuals due to an earlier age of onset and worse symptoms in that cohort; the ECA found a 3x higher prevalence rate among persons under 45 than in older groups. In fact, Di Maggio notes that the onset age, appearance of initial schizophrenia symptoms, and first treatment contact has been steadily decreasing over time (Di Maggio, Martinez, Menard, Petit, & Thibaut, 2001). The presence of dual diagnosis is also observed far more frequently in younger patients. Unfortunately, as reported by Wang et al., these individuals receive treatment for their serious psychiatric conditions at significantly lower rates than older patients (Wang, Demler, & Kessler, 2002).

Among older patients, SMI conditions typically manifest with less severe symptomology, and these individuals tend to display better overall functioning (Meeks & Murrell, 1997). Social support is also generally stronger within this cohort, which positively affects quality of life and potential outcomes (Walkup & Gallagher, 1999).

However, despite these beneficial attributes of aging and SMI, Cohen (Cohen et al., 2000) notes that a “crisis has emerged” in the diagnosis and treatment of older with schizophrenia and bipolar disorder. In addition to the fact ECA rates might be artificially low, barriers to effective treatment within older patients, stigma, and other factors might deleteriously compensate for less serious SMI circumstances. Negative symptoms are often more difficult to recognize in older patients. While multidimensional needs magnify with age, the healthcare and social systems tend to focus primarily on physical instead of psychiatric concerns. Increased medical care service use among older patients is well documented; however, recent VA studies have found that mental health and substance abuse utilization (both outpatient visits and admissions) drops significantly with age (Barry, Blow, Dornfeld, & Valenstein, 2002; Zeber, Copeland, & Grazier, 2003). Finally, older SMI patients run a substantially greater risk of experiencing TD and other medication side effects (Mamo, Sweet, Chengappa, Reddy, & Jeste, 2002).

In this report, patient age was determined based on the recorded date of birth and was calculated as of the first day of FY02, 10/1/01.

Gender

According to the Defense Almanac, as of 4/30/01, there were 199,650 women in the military, comprising approximately 14% percent of the total U.S. Armed Forces. This year, women comprise 7% the patients in the Registry.

There is evidence of differences between the genders in rates of SMI, with ECA finding a fairly small but consistently higher prevalence among women. Differential effects have been observed across several important aspects. These include age on disease onset in schizophrenia, where women generally have a later onset and perhaps worse symptoms when onset subsequently arrives (Palmer, McClure, & Jeste, 2001; Hafner, Hambrecht, Löffler, Munk-Jorgensen, & Riecher-Rossler, 1998). This fact has led to theories of a protective effect from estrogen, including the impact of antipsychotic side effects (Usall, Haro, Ochoa, Marquez, & Araya, 2002; Grigoriadis & Seeman, 2002). Men with SMI conditions tend to exhibit worse functional status, while women foster enhanced social support, live independently better, and have higher marital rates (Usall et al., 2001). Women also display more severe positive symptoms, though this decreases with age (Lindamer, Lohr, Harris, McAdams, & Jeste, 1999). Furthermore, although female patients have fewer comorbid psychiatric conditions, their psychosis might be more severe and refractory than men (Sajatovic, Vernon, & Semple, 1997; Miller & Burns, 1995). Gender differences in cognitive abilities and conceptualization have also been observed in Rorschach and other psychological tests (Danielsson, Flyckt, & Edman, 2001).

In terms of utilization, several studies have focused on veterans. Although earlier research (Hoff & Rosenheck, 1998a; Hoff & Rosenheck, 1998b) indicated that women might underutilize all VA care, especially mental health services (perhaps due to their significant minority status in the armed forces), a more recent study found that female SMI veterans receive VA psychiatric care at higher rates than men (Mojtabai, Rosenheck, Wyatt, & Susser, 2003).

These issues of disease epidemiology, care-seeking and treatment rates, and clinical outcomes must be accounted for, especially as the proportion of women in the veteran population grows.

Race

VHA is committed to ensuring appropriate treatment for all beneficiaries. Monitoring the treatment of different racial groups can aid in this goal. Numerous studies have noted differences in the diagnosis and treatment of SMI based on race. Specifically, it has been found that despite no compelling evidence that African Americans suffer from schizophrenia at higher rates, they are often diagnosed with the illness with greater frequency. Minorities tend to suffer the burden of mental illness at a higher rate (particularly schizophrenia), yet have different diagnostic and treatment rates than Caucasians (Flaskerud & Hu, 1992; Ineichen, 1991; Neighbors, Jackson, Campbell, & Williams, 1989; Goater et al., 1999; Bhugra et al., 1997). Despite tremendous progress in eliminating disparities in a variety of medical areas within the VA (Demakis, 2002), differential patterns of psychiatric diagnosis and treatment have been observed in recent studies (Zeber et al., 2003; Copeland, Zeber, Valenstein, & Blow, 2003).

The race of each person was determined based on their first instance of utilization in FY02. If this observation was “unknown”, successive instances were examined until a definitive designation was obtained.

Marital Status

Many VA studies note the high proportion of SMI veterans that are either ‘never married’ or ‘divorced/separated’. This data sheds light on the personal circumstances and social supports of this population. Marital status and social support are crucial factors for SMI patients. Researchers have noted gender differences in marital status (males much lower), plus worse quality of life and treatment access among single individuals (Salokangas, Honkonen, Stengard, & Koivisto, 2001). In addition to also documenting lower overall marital rates, Hutchinson et al. found reduced fertility

and reproductive behavior; however, they comment this is quite possibly mediated by cultural factors (Hutchinson et al., 1999). SMI illness duration, severity of condition, and clinical outcomes are also associated to the marital course (Thara & Srinivasan, 1997).

Marital status was identified as the first non-missing report from PTF data, if available, or from the OPC file.

Key Findings

- Total population of veterans treated for psychosis during FY02 was 205,620, including 95,875 with schizophrenia, 70,345 with bipolar disorder and 39,400 with other psychotic disorders.
- Total SMI population rose again, up 4.5% from FY01 and 7.3%% from FY99.
- SCH continued its downward trend, falling 2.9% last year and 8.3% since FY99.
- BP rose again, up 7.3% in the past year, 17.4% over last 4 years.
- Other Psychoses population has risen 46% since FY99
- Sixty percent of the population was white with 40% other racial/ethnic backgrounds.
- Entire population is aging steadily, with the mean age rising nearly 2 years in FY02 and 3 years since FY99.
- Age \geq 80 group rose 4.9% last year.
- Across VISNs:
 - Diagnostic patterns showed considerable variation with the ratio of SCH to BP ratio ranging from 0.88 to 2.17.
 - The percentage of patients receiving a schizophrenia diagnosis varied between 35.1% and 58.9%.
 - For bipolar disorder the range is between 27.1% and 46.2%.

Tables

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Table 1A: FY02 Patient w/ Psychosis, Demographics, by Diagnosis Grouping

		All	Schizophrenia	Bipolar	Other
Entire Population		205620	95875	70345	39400
<u>Age, %</u>		100.0%	46.6%	34.2%	19.2%
	<35	5.0%	3.9%	7.8%	2.7%
	>=35 and <50	31.8%	34.7%	37.2%	15.3%
	>=50 and <65	37.2%	41.8%	38.6%	23.5%
	>=65 and <80	19.7%	16.7%	14.4%	36.5%
	>=80	6.3%	2.9%	2.0%	22.1%
	Total	100.0%	100.0%	100.0%	100.0%
	mean age	55.87	54.28	52.20	66.29
	SD	13.98	12.10	12.61	15.52
<u>Gender</u>					
	Male, %	92.9%	94.8%	88.8%	95.7%
	Female, %	7.1%	5.2%	11.2%	4.3%
	Total	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>					
	Hispanic white	5.3%	7.2%	3.2%	4.5%
	Hispanic black	0.4%	0.6%	0.3%	0.3%
	American Indian	0.3%	0.3%	0.3%	0.4%
	Black	20.1%	27.2%	11.2%	18.6%
	Asian	0.6%	0.8%	0.3%	0.5%
	White	60.0%	54.9%	69.0%	56.4%
	Race unknown	13.3%	8.9%	15.8%	19.4%
	Total	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>					
	Never married	29.8%	42.2%	21.2%	15.2%
	Married	33.9%	24.9%	37.4%	49.4%
	Divorced/Separated	31.3%	29.4%	37.9%	24.1%
	Widowed	5.0%	3.6%	3.5%	11.3%
	Total	100.0%	100.0%	100.0%	100.0%

Table 1B: FY02 All Patients, Demographics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Psychosis Diagnosis Group, %</u>												
Schizophrenia	46.6%	45.8%	46.3%	58.9%	54.0%	51.4%	46.8%	52.6%	49.4%	39.5%	49.2%	54.2%
Bipolar Disorder	34.2%	39.9%	40.3%	27.1%	33.1%	29.9%	32.1%	28.9%	31.3%	33.3%	34.6%	32.6%
Other Psychoses	19.2%	14.3%	13.4%	13.9%	13.0%	18.7%	21.2%	18.5%	19.3%	27.2%	16.2%	13.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Age, %</u>												
<35	5.0%	4.2%	5.1%	3.8%	4.3%	4.9%	5.8%	5.2%	3.7%	4.9%	4.7%	5.1%
>=35 and <50	31.8%	29.1%	32.1%	28.1%	30.5%	34.4%	33.4%	35.0%	27.2%	30.3%	34.9%	34.1%
>=50 and <65	37.2%	38.8%	36.3%	37.5%	38.5%	35.5%	34.5%	36.3%	37.9%	35.3%	37.0%	38.8%
>=65 and <80	19.7%	21.5%	20.1%	23.3%	21.2%	18.7%	19.3%	18.6%	23.2%	22.0%	18.1%	17.8%
>=80	6.3%	6.4%	6.4%	7.3%	5.6%	6.5%	7.0%	5.0%	8.1%	7.4%	5.3%	4.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	55.87	56.75	55.85	57.63	56.25	55.40	55.61	54.84	57.87	56.93	55.04	54.54
SD	13.98	13.78	14.22	14.06	13.69	14.19	14.39	13.53	14.10	14.54	13.62	13.11
<u>Gender</u>												
Male, %	92.9%	94.0%	93.5%	94.8%	93.7%	91.2%	91.6%	91.3%	93.4%	94.0%	93.3%	93.7%
Female, %	7.1%	6.0%	6.5%	5.2%	6.3%	8.8%	8.4%	8.7%	6.6%	6.0%	6.7%	6.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
Hispanic white	5.3%	1.5%	1.2%	7.1%	1.1%	0.9%	0.7%	0.5%	27.4%	0.4%	0.8%	0.6%
Hispanic black	0.4%	0.4%	0.3%	1.7%	0.2%	0.4%	0.2%	0.1%	2.1%	0.1%	0.2%	0.1%
American indian	0.3%	0.2%	0.3%	0.2%	0.0%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.2%
Black	20.1%	7.3%	12.2%	25.1%	20.9%	43.3%	33.1%	41.6%	11.1%	19.8%	22.5%	21.0%
Asian	0.6%	0.2%	0.0%	0.4%	0.1%	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%
White	60.0%	79.6%	75.9%	53.0%	65.6%	42.6%	51.2%	45.2%	44.7%	69.7%	63.9%	66.3%
Race unknown	13.3%	10.9%	10.1%	12.4%	12.2%	12.6%	14.5%	12.3%	14.5%	10.0%	12.4%	11.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
Never married	29.8%	35.3%	34.8%	45.5%	36.5%	35.0%	27.4%	25.6%	19.6%	22.6%	29.6%	33.9%
Married	33.9%	29.1%	31.9%	26.8%	30.0%	28.2%	38.5%	37.6%	47.6%	40.8%	31.4%	27.4%
Divorced/Separated	31.3%	30.3%	28.5%	22.3%	28.2%	30.1%	29.0%	31.4%	27.8%	30.9%	34.2%	34.6%
Widowed	5.0%	5.3%	4.7%	5.4%	5.3%	6.7%	5.0%	5.4%	5.1%	5.7%	4.7%	4.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1B: FY02 All Patients, Demographics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Psychosis Diagnosis Group, %</u>											
Schizophrenia	46.6%	43.8%	41.1%	47.2%	40.4%	35.1%	35.9%	39.5%	47.3%	45.5%	43.2%
Bipolar Disorder	34.2%	37.7%	35.0%	27.3%	34.5%	39.8%	46.2%	42.0%	32.9%	36.4%	39.5%
Other Psychoses	19.2%	18.6%	23.9%	25.6%	25.1%	25.2%	17.9%	18.5%	19.8%	18.2%	17.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Age, %</u>											
<35	5.0%	4.6%	4.9%	5.5%	5.6%	5.2%	6.5%	6.9%	5.4%	6.0%	4.5%
>=35 and <50	31.8%	33.2%	32.1%	31.8%	31.6%	30.1%	33.4%	35.1%	32.0%	34.2%	32.0%
>=50 and <65	37.2%	37.1%	35.3%	36.3%	34.7%	37.2%	38.2%	38.9%	40.7%	37.1%	37.7%
>=65 and <80	19.7%	19.4%	20.8%	20.3%	20.0%	19.6%	16.4%	14.8%	16.2%	17.2%	20.3%
>=80	6.3%	5.7%	6.8%	6.2%	8.0%	7.9%	5.5%	4.3%	5.7%	5.6%	5.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	55.87	55.57	56.22	55.81	56.33	56.54	54.36	53.54	54.98	54.72	55.81
SD	13.98	13.74	14.34	14.08	14.68	14.50	13.79	13.24	13.46	13.85	13.70
<u>Gender</u>											
Male, %	92.9%	93.6%	93.4%	92.9%	91.7%	91.0%	92.4%	91.8%	92.2%	92.6%	93.6%
Female, %	7.1%	6.4%	6.6%	7.1%	8.3%	9.0%	7.6%	8.2%	7.8%	7.4%	6.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>											
Hispanic white	5.3%	1.9%	1.0%	1.3%	12.5%	11.3%	6.0%	1.1%	5.0%	6.8%	0.7%
Hispanic black	0.4%	0.2%	0.0%	0.1%	0.2%	0.3%	0.1%	0.2%	0.2%	0.3%	0.1%
American Indian	0.3%	0.2%	0.3%	0.5%	0.2%	1.0%	0.8%	0.8%	0.6%	0.3%	0.9%
Black	20.1%	28.3%	17.4%	32.1%	20.5%	6.2%	6.0%	7.1%	14.0%	19.8%	5.8%
Asian	0.6%	0.2%	0.1%	0.1%	0.2%	0.3%	0.3%	1.0%	7.4%	1.6%	0.1%
White	60.0%	56.2%	66.8%	54.9%	57.4%	64.9%	76.7%	74.4%	56.7%	49.9%	77.6%
Race unknown	13.3%	13.1%	14.5%	11.1%	9.1%	16.2%	10.1%	15.4%	16.1%	21.4%	15.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>											
Never married	29.8%	37.6%	24.6%	25.0%	22.9%	22.1%	25.2%	26.9%	36.2%	38.9%	29.8%
Married	33.9%	26.1%	36.2%	38.3%	37.6%	38.0%	35.7%	31.1%	27.4%	24.8%	32.3%
Divorced/Separated	31.3%	31.0%	34.1%	31.8%	33.8%	34.2%	34.8%	37.8%	31.8%	31.8%	33.7%
Widowed	5.0%	5.2%	5.0%	5.0%	5.7%	5.7%	4.4%	4.2%	4.6%	4.5%	4.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1C: FY02 Patients w/ Schizophrenia, Demographics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Age, %</u>												
<35	3.9%	3.3%	3.8%	3.0%	3.2%	4.2%	4.8%	4.5%	2.9%	3.7%	3.6%	3.6%
>=35 and <50	34.7%	31.1%	32.1%	29.8%	31.0%	35.2%	37.5%	39.6%	29.4%	34.8%	36.6%	35.4%
>=50 and <65	41.8%	41.7%	39.0%	41.1%	42.0%	40.9%	39.5%	38.7%	44.1%	41.0%	42.2%	42.9%
>=65 and <80	16.7%	20.1%	20.9%	21.9%	20.5%	17.1%	15.1%	15.0%	19.9%	17.6%	15.1%	15.6%
>=80	2.9%	3.8%	4.2%	4.3%	3.3%	2.6%	3.1%	2.3%	3.7%	2.9%	2.5%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	54.28	55.74	55.90	56.48	55.70	54.17	53.60	53.06	55.85	54.60	53.76	53.91
SD	12.10	12.48	13.04	12.78	12.36	12.26	12.24	11.81	12.12	12.18	11.76	11.70
<u>Gender</u>												
Male, %	94.8%	95.5%	95.7%	95.9%	95.0%	93.4%	94.1%	92.8%	95.9%	95.8%	94.7%	95.3%
Female, %	5.2%	4.5%	4.3%	4.1%	5.0%	6.6%	5.9%	7.2%	4.1%	4.2%	5.3%	4.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
Hispanic white	7.2%	1.9%	1.4%	7.5%	1.3%	0.8%	0.6%	0.5%	42.0%	0.2%	1.0%	0.6%
Hispanic black	0.6%	0.4%	0.4%	1.8%	0.3%	0.4%	0.2%	0.1%	3.5%	0.1%	0.2%	0.1%
American Indian	0.3%	0.3%	0.3%	0.2%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.3%
Black	27.2%	10.0%	14.7%	29.0%	26.1%	51.4%	45.4%	54.8%	14.0%	29.3%	30.1%	27.6%
Asian	0.8%	0.3%	0.0%	0.4%	0.1%	0.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%
White	54.9%	80.3%	75.8%	50.8%	63.5%	38.0%	43.7%	36.0%	32.5%	65.8%	61.7%	63.0%
Race unknown	8.9%	6.8%	7.2%	10.3%	8.8%	9.1%	9.8%	8.3%	7.8%	4.6%	6.8%	8.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
Never married	42.2%	50.8%	47.8%	55.9%	47.8%	45.7%	40.1%	35.6%	24.6%	38.1%	43.5%	46.0%
Married	24.9%	18.7%	21.9%	20.3%	22.1%	20.1%	27.2%	28.9%	46.4%	27.6%	20.5%	18.8%
Divorced/Separated	29.4%	27.2%	26.2%	19.9%	25.8%	28.9%	29.6%	31.6%	25.4%	31.1%	32.7%	32.0%
Widowed	3.6%	3.4%	4.1%	4.0%	4.3%	5.3%	3.2%	3.9%	3.6%	3.3%	3.4%	3.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia		95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Age, %</u>												
	<35	3.9%	3.6%	4.1%	4.4%	4.0%	4.4%	5.6%	5.2%	3.9%	5.4%	4.1%
	>=35 and <50	34.7%	36.5%	38.1%	37.2%	36.3%	36.7%	36.4%	36.8%	34.0%	37.1%	33.8%
	>=50 and <65	41.8%	41.7%	40.6%	41.8%	41.2%	42.2%	43.2%	43.1%	44.5%	41.6%	42.0%
	>=65 and <80	16.7%	15.3%	15.0%	14.2%	15.5%	14.2%	12.9%	12.9%	15.0%	13.7%	17.6%
	>=80	2.9%	2.8%	2.2%	2.4%	3.1%	2.6%	1.9%	2.1%	2.6%	2.2%	2.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	mean age	54.28	53.91	53.36	53.28	53.90	53.35	52.66	52.78	53.97	52.86	54.32
	SD	12.10	11.92	11.78	11.65	12.03	11.95	11.41	11.50	11.71	11.86	12.17
<u>Gender</u>												
	Male, %	94.8%	94.9%	94.6%	94.8%	94.5%	93.9%	94.5%	94.3%	94.6%	94.0%	94.8%
	Female, %	5.2%	5.1%	5.4%	5.2%	5.5%	6.1%	5.5%	5.7%	5.4%	6.0%	5.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
	Hispanic white	7.2%	2.2%	1.0%	1.3%	14.7%	15.7%	8.3%	1.4%	5.6%	8.1%	0.8%
	Hispanic black	0.6%	0.2%	0.0%	0.1%	0.2%	0.3%	0.1%	0.1%	0.3%	0.4%	0.1%
	American Indian	0.3%	0.2%	0.3%	0.5%	0.1%	1.2%	0.9%	0.8%	0.6%	0.3%	0.8%
	Black	27.2%	34.3%	26.6%	44.1%	30.5%	9.9%	7.6%	8.4%	18.3%	26.7%	7.0%
	Asian	0.8%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%	1.4%	11.3%	2.3%	0.0%
	White	54.9%	52.3%	64.3%	46.0%	49.1%	60.6%	75.1%	77.5%	51.1%	47.9%	79.8%
	Race unknown	8.9%	10.7%	7.8%	7.9%	5.0%	12.0%	7.6%	10.4%	12.7%	14.3%	11.5%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
	Never married	42.2%	53.0%	40.1%	35.8%	35.0%	33.2%	39.9%	41.3%	49.1%	50.5%	46.8%
	Married	24.9%	16.4%	22.8%	28.6%	27.2%	29.0%	23.2%	20.0%	21.1%	17.0%	18.8%
	Divorced/Separated	29.4%	27.0%	34.0%	32.2%	33.9%	34.5%	33.8%	35.3%	26.9%	28.9%	31.6%
	Widowed	3.6%	3.5%	3.1%	3.4%	3.9%	3.4%	3.0%	3.4%	2.9%	3.6%	2.9%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1D: FY02 Patients w/ Bipolar Disorder, Demographics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Age, %</u>												
<35	7.8%	5.9%	7.7%	6.5%	7.0%	7.9%	9.3%	7.9%	5.9%	8.4%	7.6%	8.2%
>=35 and <50	37.2%	32.4%	38.4%	32.7%	36.1%	44.4%	39.6%	37.8%	33.1%	38.8%	41.9%	38.9%
>=50 and <65	38.6%	40.9%	38.8%	38.2%	39.5%	33.3%	36.0%	38.4%	38.8%	38.4%	36.7%	36.9%
>=65 and <80	14.4%	17.6%	13.1%	19.6%	15.2%	12.9%	13.1%	14.2%	18.4%	13.0%	12.6%	14.4%
>=80	2.0%	3.1%	2.0%	3.1%	2.2%	1.5%	2.1%	1.7%	3.7%	1.4%	1.2%	1.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	52.20	54.25	51.59	54.39	52.65	50.72	51.19	51.91	54.44	51.42	51.08	51.65
SD	12.61	12.92	12.55	13.37	12.72	12.49	12.71	12.43	13.31	12.28	12.14	12.53
<u>Gender</u>												
Male, %	88.8%	91.6%	90.4%	91.6%	90.8%	84.8%	85.4%	85.9%	88.2%	89.1%	89.9%	90.2%
Female, %	11.2%	8.4%	9.6%	8.4%	9.2%	15.2%	14.6%	14.1%	11.8%	10.9%	10.1%	9.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
Hispanic white	3.2%	1.2%	1.2%	6.4%	1.0%	1.4%	0.8%	0.5%	12.0%	0.5%	0.6%	0.5%
Hispanic black	0.3%	0.3%	0.1%	1.7%	0.1%	0.5%	0.2%	0.1%	0.8%	0.1%	0.1%	0.2%
American indian	0.3%	0.1%	0.4%	0.2%	0.1%	0.1%	0.5%	0.1%	0.1%	0.1%	0.2%	0.2%
Black	11.2%	4.4%	10.0%	16.7%	12.5%	31.4%	20.1%	20.2%	6.5%	11.7%	12.0%	9.7%
Asian	0.3%	0.1%	0.0%	0.2%	0.0%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%
White	69.0%	80.4%	76.5%	60.8%	73.5%	53.6%	61.9%	62.1%	61.2%	75.8%	71.2%	73.4%
Race unknown	15.8%	13.5%	11.9%	13.8%	12.9%	12.9%	16.5%	16.8%	19.4%	11.8%	15.9%	16.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
Never married	21.2%	23.1%	25.5%	34.2%	25.2%	26.7%	18.5%	15.2%	16.9%	14.4%	18.1%	20.7%
Married	37.4%	36.4%	37.0%	31.7%	36.0%	33.3%	44.0%	44.8%	43.2%	43.3%	37.5%	34.5%
Divorced/Separated	37.9%	36.0%	34.5%	29.3%	35.1%	36.0%	34.1%	36.0%	36.0%	38.7%	40.8%	41.9%
Widowed	3.5%	4.5%	3.0%	4.8%	3.7%	4.0%	3.3%	4.0%	4.0%	3.5%	3.7%	3.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1D: FY02 Patients w/ Bipolar Disorder, Demographics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Age, %</u>											
<35	7.8%	6.8%	7.7%	9.6%	9.8%	8.0%	8.9%	9.6%	8.4%	7.9%	6.0%
>=35 and <50	37.2%	37.4%	38.2%	37.5%	39.7%	35.4%	38.5%	39.0%	34.1%	38.9%	36.1%
>=50 and <65	38.6%	37.6%	38.1%	37.5%	37.3%	41.3%	39.9%	39.5%	41.8%	38.3%	39.8%
>=65 and <80	14.4%	16.2%	14.4%	14.4%	11.4%	13.9%	10.9%	10.1%	13.5%	13.2%	15.9%
>=80	2.0%	2.0%	1.5%	1.1%	1.7%	1.4%	1.9%	1.9%	2.2%	1.7%	2.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	52.20	52.79	51.82	51.42	50.82	52.15	50.94	50.73	52.39	51.69	53.12
SD	12.61	12.68	12.47	12.49	12.36	12.16	12.12	12.06	12.46	12.31	12.36
<u>Gender</u>											
Male, %	88.8%	91.3%	89.7%	86.3%	85.2%	85.8%	89.3%	88.4%	88.2%	89.7%	91.0%
Female, %	11.2%	8.7%	10.3%	13.7%	14.8%	14.2%	10.7%	11.6%	11.8%	10.3%	9.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>											
Hispanic white	3.2%	1.6%	0.9%	1.4%	7.5%	6.9%	4.3%	1.0%	3.1%	5.1%	0.5%
Hispanic black	0.3%	0.2%	0.1%	0.1%	0.2%	0.3%	0.1%	0.1%	0.1%	0.3%	0.1%
American Indian	0.3%	0.1%	0.3%	0.5%	0.3%	0.7%	0.8%	0.8%	0.6%	0.3%	0.8%
Black	11.2%	22.6%	8.6%	14.7%	10.4%	3.9%	4.6%	4.7%	7.3%	12.5%	3.9%
Asian	0.3%	0.2%	0.1%	0.1%	0.2%	0.3%	0.3%	0.5%	2.0%	1.0%	0.2%
White	69.0%	62.2%	73.3%	71.0%	69.8%	69.8%	79.8%	74.0%	68.5%	55.3%	78.7%
Race unknown	15.8%	13.1%	16.7%	12.3%	11.6%	18.1%	10.2%	18.8%	18.4%	25.5%	15.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>											
Never married	21.2%	28.2%	15.8%	17.4%	17.3%	18.7%	18.7%	17.3%	25.1%	32.9%	18.0%
Married	37.4%	29.6%	40.3%	41.3%	37.3%	38.2%	38.6%	38.0%	32.1%	26.3%	39.5%
Divorced/Separated	37.9%	38.8%	40.7%	38.6%	41.7%	39.1%	39.9%	41.6%	39.2%	37.7%	39.2%
Widowed	3.5%	3.4%	3.1%	2.7%	3.6%	4.0%	2.9%	3.0%	3.6%	3.0%	3.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1E: FY02 Patients w/ Other Psychoses, Demographics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Age, %</u>												
<35	2.7%	2.6%	2.1%	2.1%	2.2%	2.2%	2.9%	2.8%	2.0%	2.6%	1.7%	3.3%
>=35 and <50	15.3%	13.6%	13.0%	11.7%	13.7%	16.3%	15.2%	17.8%	12.0%	13.4%	14.5%	16.7%
>=50 and <65	23.5%	23.3%	19.8%	20.8%	21.1%	24.2%	21.3%	26.1%	20.4%	23.0%	22.0%	26.8%
>=65 and <80	36.5%	36.5%	38.3%	36.9%	39.0%	32.4%	37.7%	35.5%	39.3%	39.5%	39.0%	35.2%
>=80	22.1%	24.0%	26.7%	28.5%	24.0%	25.0%	23.0%	17.8%	26.3%	21.5%	22.7%	18.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	66.29	66.94	68.45	68.87	67.70	66.30	66.75	64.43	68.62	67.09	67.42	64.28
SD	15.52	15.44	15.29	15.13	15.26	16.02	15.50	15.41	14.91	15.13	14.77	15.37
<u>Gender</u>												
Male, %	95.7%	95.7%	95.5%	96.3%	95.4%	95.4%	95.6%	95.4%	95.7%	97.2%	96.4%	96.0%
Female, %	4.3%	4.3%	4.5%	3.7%	4.6%	4.6%	4.4%	4.6%	4.3%	2.8%	3.6%	4.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>												
Hispanic white	4.5%	1.2%	0.6%	7.0%	0.7%	0.4%	0.5%	0.4%	14.7%	0.3%	0.6%	0.7%
Hispanic black	0.3%	0.3%	0.1%	1.3%	0.1%	0.1%	0.2%	0.2%	0.9%	0.1%	0.3%	0.0%
American indian	0.4%	0.3%	0.1%	0.1%	0.1%	0.0%	0.3%	0.0%	0.1%	0.1%	0.1%	0.3%
Black	18.6%	6.6%	9.8%	25.1%	20.1%	40.2%	25.8%	37.6%	11.1%	15.9%	22.1%	22.0%
Asian	0.5%	0.0%	0.1%	0.4%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
White	56.4%	75.1%	74.7%	47.3%	54.5%	37.4%	51.3%	45.2%	49.3%	68.0%	55.0%	62.7%
Race unknown	19.4%	16.5%	14.6%	18.8%	24.4%	21.6%	21.7%	16.6%	23.9%	15.6%	21.9%	14.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>												
Never married	15.2%	19.7%	17.9%	23.8%	19.1%	18.8%	12.9%	13.2%	11.0%	10.4%	12.4%	16.9%
Married	49.4%	42.5%	50.9%	45.1%	47.3%	42.3%	55.1%	51.3%	57.8%	56.8%	51.5%	45.5%
Divorced/Separated	24.1%	24.4%	18.9%	18.5%	20.1%	24.0%	20.3%	23.6%	20.4%	21.0%	25.1%	27.7%
Widowed	11.3%	13.5%	12.3%	12.6%	13.5%	15.0%	11.7%	11.9%	10.7%	11.8%	11.0%	9.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1E: FY02 Patients w/ Other Psychoses, Demographics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Age, %</u>											
<35	2.7%	2.7%	2.2%	3.1%	2.6%	2.1%	2.5%	4.3%	4.1%	3.5%	2.3%
>=35 and <50	15.3%	17.0%	13.0%	15.7%	13.2%	12.3%	14.3%	22.7%	23.9%	17.3%	18.0%
>=50 and <65	23.5%	25.2%	22.3%	25.1%	20.8%	23.7%	23.5%	28.7%	29.7%	23.3%	22.1%
>=65 and <80	36.5%	35.2%	40.2%	37.6%	39.1%	36.3%	37.6%	29.6%	23.4%	33.9%	37.1%
>=80	22.1%	19.9%	22.3%	18.5%	24.3%	25.6%	22.1%	14.7%	19.0%	22.0%	20.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
mean age	66.29	65.12	67.56	65.18	67.79	67.92	66.60	61.55	61.68	65.46	65.68
SD	15.52	15.59	14.92	15.43	15.26	15.14	15.38	15.85	16.45	16.08	15.74
<u>Gender</u>											
Male, %	95.7%	95.2%	96.6%	96.5%	96.0%	95.4%	96.2%	94.2%	93.2%	94.9%	96.2%
Female, %	4.3%	4.8%	3.4%	3.5%	4.0%	4.6%	3.8%	5.8%	6.8%	5.1%	3.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Race / Ethnicity, %</u>											
Hispanic white	4.5%	1.7%	1.0%	1.2%	15.7%	12.2%	5.9%	0.7%	6.4%	6.8%	0.6%
Hispanic black	0.3%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.7%	0.2%	0.3%	0.1%
American Indian	0.4%	0.4%	0.4%	0.5%	0.0%	1.2%	0.7%	0.8%	0.5%	0.2%	1.3%
Black	18.6%	25.9%	14.4%	28.3%	18.0%	4.6%	6.4%	9.5%	15.1%	16.9%	7.0%
Asian	0.5%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	1.0%	7.2%	0.7%	0.0%
White	56.4%	53.2%	61.5%	54.3%	53.6%	62.9%	71.8%	68.9%	50.5%	44.3%	69.4%
Race unknown	19.4%	18.6%	22.7%	15.6%	12.2%	18.8%	14.7%	18.4%	20.1%	30.8%	21.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Marital Status</u>											
Never married	15.2%	20.6%	11.1%	13.2%	11.2%	11.9%	12.4%	17.7%	23.7%	21.8%	14.6%
Married	49.4%	41.8%	52.9%	52.6%	54.7%	50.4%	53.0%	38.9%	34.8%	41.0%	49.6%
Divorced/Separated	24.1%	24.7%	24.9%	23.8%	22.8%	26.0%	23.4%	34.8%	31.2%	27.5%	26.5%
Widowed	11.3%	12.9%	11.1%	10.3%	11.3%	11.7%	11.3%	8.7%	10.4%	9.7%	9.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chapter 2

Other Patient Characteristics

Background

Registry Patient's History of VA Utilization

We report the number of years since a patient's first service use in the prior ten fiscal years and both the percentage of years since this initial use that included 24-hour institutional care and that included outpatient care. This provides a more comprehensive picture of the Registry population, illustrating the stability and regularity of care received over the prior ten fiscal years.

GAF

Available for the majority of Registry patients, this measure of functioning is widely used in both clinical practice and research settings. Reliance upon the GAF as the only tool to assess patients' functioning may be problematic (Roy-Byrne, Dagadakis, Unutzer, & Ries, 1996), and a recent VA study found minimal association with the amount of treatment received or clinical outcomes (Moos, Nichol, & Moos, 2002). However, numerous other studies have documented the GAF's solid reliability and usefulness as an indicator of health status and treatment outcomes. With appropriate training, GAF scores are highly correlated with both symptomology and social functioning (Startup, Jackson, & Bendix, 2002; Bates, Lyons, & Shaw, 2002). In addition, a high degree of consistency in scoring has been shown across provider licensure (e.g. psychiatrists, social worker), especially in the outpatient setting (Harel, Smith, & Rowles, 2002).

VHA Directive 97-059, Instituting Global Assessment of Function (GAF) Scores in Axis V for Mental Health Patients, set policy "that, starting in FY 1998 ... mental health clinicians are required to record at least one GAF score in Axis V reflecting the 'current level of functioning' for each veteran patient seen at any VHA mental health inpatient or outpatient setting. ... Outpatients seen in a mental health clinic or program who have not had a GAF score for 90 days will require an update.... At least one GAF score in Axis V will now be required for all patients discharged from psychiatric bed sections" (Department of Veterans Affairs, 1997). We report the average of both IP and OP GAF measures for FY02, as well as a measure of the frequency with which the GAF was administered as mandated.

Psychosis Diagnosis Grouping

As described in Appendix A, for reporting purposes we assigned patients to one of three psychosis groups (schizophrenia, bipolar disorder, and other psychoses), based on which diagnosis category appeared in the most outpatient visit days or inpatient stays in the fiscal year. When comparing all psychosis patients across VISNs, we report for each VISN the distribution of patients in each of the three psychosis groups. These indicators demonstrate substantial variation in the prevalence of psychosis types among individuals in VA treatment. It is important to note these differences when comparing VISN aggregated data for all patients with psychoses. There was substantial variation across facilities in the distribution of psychosis patients. For example, individuals in the schizophrenia group constituted between 35.1% (VISN 18) and 58.9% (VISN

3) of patients with psychoses. Factors that may explain these differences include environmental factors, non-VA health service resources, VA system attributes and provider diagnostic patterns, and regional differences in veteran care seeking behavior.

Dual Diagnosis

Complicating the severity of SMI conditions alone, the additional component of substance abuse represents one of the most significant obstacles to effective schizophrenia treatment (Dixon, 1999). This "double jeopardy" (Swofford, Scheller-Gilkey, Miller, Woolwine, & Mance, 2000) offers considerable challenges to the patient, provider and system, and has appropriately received tremendous attention in the clinical literature. Pertinent issues include the pervasiveness of alcohol and drug use among the mentally ill, correlates of higher rates, debates regarding etiology, difficulties in detection and diagnosis, the deleterious effect upon symptomology and functioning, plus treatment options and prognosis. Per the Epidemiological Catchment Area study (Regier et al., 1990), 47% of individuals with schizophrenia also have a substance abuse condition, compared with a 16% prevalence rate within the general population. However, Kessler comments that both the ECA and National Comorbidity Study probably underestimate the true prevalence of dual diagnosis, since such studies often exclude the homeless and patients too dysfunctional to complete the surveys (Kessler et al., 1996). Indeed, numerous clinical studies of SMI populations have consistently estimated the rate of comorbid substance abuse at between 50-75% (Drake & Wallach, 1989). Patient factors associated with higher rates of dual diagnosis include being male, younger, unmarried, and lower SES.

The two primary theories regarding the etiology of dual diagnosis include the "vulnerability" model, which suggests that symptomology may be either initiated or exacerbated by alcohol or illicit substances (Dixon, Haas, Weiden, Sweeney, & Frances, 1991), and the "self-medication" model, where patients use substances in order to alleviate their SMI symptoms. With the self-medication theory in growing disfavor, the current view assumes a more nuanced picture, describing a collection of psychosocial risk factors (general addictive behaviors or predilections, social isolation, lack of structured daily activities, or the influence of a deviant peer group) (Mueser, Drake, & Wallach, 1998). In addition, there is recent research indicating that substance abuse may be a primary symptom of schizophrenia due to abnormalities in the hippocampal formation and frontal cortex (Chambers, Krystal, & Self, 2001). Another study found a higher incidence of early life trauma in patients with schizophrenia and substance abuse than in those with only schizophrenia indicating a possible relationship between life experience and the onset of substance abuse (Scheller-Gilkey, Thomas, Woolwine, & Miller, 2002).

Regardless of etiology, dual diagnosis presents many challenges for the treatment of SMI. These problems begin with classification, including a lack of consistent terminology (use, abuse, dependence), difficulty in detection due to masked symptoms, and poor treatment rates once diagnosed (Milling, Faulkner, & Craig, 1994; Mueser et al., 1990; Drake et al., 1989). Dual diagnosis patients generally seek less outpatient care in general, though experience more frequent inpatient admissions and relapses (Mueser et al., 1992; Swofford et al., 2000). Treatment compliance tends to be worse, including missed appointments and non-adherence to medication regimes (Drake et al., 1989; Mueser et al., 1992; Dixon, 1999). A higher risk of suicide, violence, homelessness, medical comorbidity and mortality has also been observed (Drake et al., 1989; Dixon, 1999; Dixon et al., 1991; Brown, 1997). Yet, despite this lengthy list, some researchers observe that patients with dual diagnosis might actually have a better prognosis than SMI individuals without substance use (Dixon et al., 1991; Mueser et al., 1998).

The VHA has long been the most extensive and innovative systems in providing care for dual diagnosis (Peterson, Swindle, Moos, Finney, & Suchinsky, 1992), and continues to expand as needed to treat its veterans with comorbid conditions. Integrated care (including domiciliary and residential options, case management and ACT programs, vocational training and other psychosocial rehabilitation) has been demonstrated to be essential for effective treatment of this population (Drake, Mueser, Clark, & Wallach, 1996), and recent research has demonstrated that Clozapine might offer particular advantages in the treatment of dual diagnosis (Drake, Xie, McHugo, & Green, 2000; Buckley, 1998).

Finally, comorbid conditions are extremely expensive: Dixon cites Barbara Dickey's 1996 Medicaid study of individuals with schizophrenia, where dual diagnosis patients cost an average of \$23,169 per year versus only \$12,350 in patients with no substance abuse (Dixon, 1999).

For all these reasons, it is important that VHA recognize and identify individuals with dual diagnosis as a unique sub-group and investigate the prevalence of these disorders among their patients

Mortality

SMI patients are at significantly higher risk for premature death than the overall population. Mental disorders represent a major factor in overall mortality, with nearly 8% of all deaths listing mental illnesses as a 'contributory' cause and another 2% as the 'direct' cause (Dembling, 1997). A major epidemiological study of all SMI patients served by the Massachusetts Department of Mental Health determined that, compared to the general population, SMI patients lose an average of 8.8 years of life (Dembling, Chen, & Vachon, 1999). As a population, SMI patients experience 65% higher mortality than expected for their disease and age (Baxter, 1996).

A recent article by Harris summarizes data from a variety of sources and echoes results of many earlier studies (Harris & Barraclough, 1998). The measure most often cited in the literature is the standardized mortality ratio (SMR), comparing the observed deaths to the number of expected deaths. In general for SMI patients, the authors noted SMRs ranging from 1.7 to nearly 5.0.

The causes of this increased mortality risk have been attributed to the actual disease of schizophrenia (Rosh, Sampson, & Hirsch, 2003), deficits in the quality of medical care (Druss, Bradford, Rosenheck, Radford, & Krumholz, 2001), unhealthy lifestyles (Brown, Birtwistle, Roe, & Thompson, 1999) and, of course, high rates of suicide (Osby, Correia, Brandt, Ekblom, & Sparen, 2000).

Mortality data were collected from the BIRLS and PTF files. Both crude and age-and-gender-adjusted standardized mortality rates are presented. SMRs are reported at the national and VISN levels. SMRs were not calculated for individual stations. The calculation of SMRs beginning in FY01 uses the entire 1998 US population as the reference population. Note that prior reports, for FY99 and FY00, standardized with reference to the 1997 U.S. population. Moreover, for these years the calculation of SMRs did not adjust for gender differences and were based on an artificial population distribution, presuming a constant frequency across age groups. These misspecifications were corrected for FY01 onward. As a consequence, FY99 and FY00 SMRs from prior reports are not comparable to the SMRs reported after FY01.

VERA Patient Class

The Veterans Equitable Resource Allocation (VERA) system allocates funds to networks. Each VA patient is categorized by VERA based on their service connection, economic means and type

of medical problem. Patient eligibility categories are assigned as follows. A Category A patient is either service-connected or a non service-connected veteran who meets means test criteria. A Category C patient is a non service-connected veteran who does not fall under income limitation ceilings and receives discretionary care from the VA. Category N patients are non-veterans.

Complex care patients are designated based on a number of different criteria that can include specific diagnoses and/or a particular pattern of utilization in certain types of facilities.

Basic vested includes care that does not qualify for complex but does include the completion of at least one thorough medical evaluation or inpatient stay during the past three years.

Basic Non-Vested includes those patients who do not qualify as complex and have had neither an inpatient stay nor a medical evaluation in the prior three-year period.

All Complex patients are funded, whereas among patients receiving Basic care only Category A patients are funded.

In FY03, the case-mix adjustment methodology was expanded from a three price case-mix model to a ten price case mix model. The VERA 10 Price Groups are presented in Appendix D (new to Report this year).

Homelessness

Homelessness remains a serious and prevalent problem among veterans in general, with approximately 40% of all homeless individuals having served in the armed forces (Winkleby & Fleshin, 1993). Approximately 250,000 veterans are homeless at any given time, with perhaps twice that figure homeless at some time during the course of a year. The presence of a SMI condition greatly increases the risk of being homeless. Numerous studies report that 25-30% of homeless individuals suffer from chronic schizophrenia, and up to 50% have some mental health condition (Dickey, 2000; Koegel, Burnam, & Farr, 1988; Rosenheck, Gallup, & Frisman, 1993). While the risk may be slightly higher for patients with schizophrenia, the difference across SMI diagnoses is not significant (Herman, Susser, Jandorf, Lavelle, & Bromet, 1998). Specifically examining a veteran population, Chinman found that 39% of homeless veterans had schizophrenia (Chinman, Rosenheck, & Lam, 2000). However, other evidence indicates that substance abuse or dual diagnosis might play an equal if not more significant role (Hartz, Banys, & Hall, 1994; North, Smith, Pollio, & Spitznagel, 1996; Rosenheck & Fontana, 1994).

Although previous research has documented the prevalence of SMI conditions among the homeless (veterans and non-veterans), few studies have reported on the opposite question: *rates of homelessness among veterans with psychosis*. Olfson notes that 7.6% of patients with schizophrenia were homeless within 3 months of discharge (Olfson, Mechanic, Hansell, Boyer, & Walkup, 1999). In a longitudinal study, Kuno determined that 24% of community SMI patients were homeless for some time over a 4-year period (Kuno, Rothbard, Averyt, & Culhane, 2000). Finally, of veterans reporting to VAMC emergency departments, 29% stated they were either currently or recently homeless (Stovall, Flaherty, Bowden, & Schoeny, 1997). By providing prevalence numbers for an entire population of veterans with psychosis, this report adds to the research knowledge of this important area. We report the percent of patients with psychosis diagnoses in FY02 for whom homelessness was indicated at some point in the fiscal year.

Homelessness was identified using multiple sources from the PTF and OPC data, including:

- the variable "HOMELESS" in the OPC file
- a diagnosis of V60.0, defined as a "Lack of housing: Hobos, Transients, Social migrants, Vagabonds, Tramps" in Volume 1 of the ICD-9-CM codes
- outpatient clinic stop codes:
 - 501, "Homeless Mentally Ill, Outreach"
 - 515, "CWT/TR, Homeless Chronically Mentally Ill"
 - 528, "Phone -- Homeless Mentally Ill"
 - 529, "HCHV / Homeless Mentally Ill"
 - 590, "Community Outreach Homeless -- Staff"
- bedsection codes:
 - 28, "Homeless Chronically Mentally Ill, CWT/TR"
 - 37, "Domiciliary Care, Homeless (DHCV)"

Service Connection

Service connection is often used as an indication of illness severity as well as being a predictor of health care utilization in several VA research studies (Rosenheck & Massari, 1993). In 1999, the Veterans Millennium Health Care and Benefits Act was enacted, increasing the VHA budget for medical care by nearly \$1.3 billion. The Act includes a mandate that the VHA provide nursing home and non-institutional long-term care to veterans who are at least 70% service connected. It also authorized VHA to raise medication co-payments from \$2 to \$7 for all veterans with a service connection of less than 50%. Further, it provides, for the first time, non-institutional long-term care as part of the basic benefits package for VA enrollees.

Sen. Rockefeller (D-WV), Chairman of the Senate VA Committee, is currently investigating the VA's progress on implementing the provisions of Millennium Bill. The VA's new Undersecretary for Health, Dr. Roswell, has indicated that a final rule will be published in the Federal Register and that a plan has been submitted to Rep. Smith (R-NJ), Chairman of the House VA Committee, to fully implement the long term care program by 2004.

Given the timeliness of this issue, this year's report includes the *distribution of service connection percentages* across all SMI veterans, noting important cut-off points with regard to the Millennium Bill and other eligibility criteria.

Patient service connection was determined using the VA's PTF, OPC, and CNP Mini-master file.

Access

The VHA Mental Health Program Guidelines stipulate that "Veterans within and across VISNs should have equal access to all levels of care within the continuum" (Veterans Health Administration, 1999). Access to health care is a general concept that relates to specific dimensions of the fit between characteristics of potential clients and providers. Penchansky and Thomas (1981) summarize these dimensions in terms of geographic accessibility, affordability, availability, acceptability, and accommodation. As compared to other health care providers, the VHA has fewer affordability barriers (Penchansky & Thomas, 1981). This is particularly true among VA patients with psychoses, the majority of whom have priority status on the basis of service connection or means testing criteria. As part of a strategic transformation of service delivery, the VHA has worked to shift the locus of care from inpatient to outpatient centers. This commitment is reflected in the recent expansion of CBOCs. Assuring service accessibility is a major policy

goal in the VHA, and it is a necessary condition for the success of a strategic shift from a tertiary to a local and primary care orientation.

The negative relationship between health care utilization and distance has long been assumed, yet it has been inconsistently demonstrated in the research literature, which has largely focused on inpatient utilization. Although few patients forego care completely due to distance and transportation problems, individuals in more remote locations are more likely to delay seeking out providers (Horner et al., 1994). An early meta-analysis identified the same relationship between distance and use with mental health services as with medical services, in both private and community health systems (Shannon, Bashshur, & Lovett, 1986; White, 1986). Patients living farthest from hospitals had significantly longer lengths of stay, greater costs and worse outcomes, plus a tremendous dislocation from social support. Willingness to travel may vary by mental health diagnosis. Marcus and colleagues (Marcus, Olfson, Fortney, & Ryan, 1997) report the mean travel distance for outpatient mental health care in Pittsburgh. Mean travel distance for schizophrenia clinics was 3.6 miles, as compared to 8.5 miles for bipolar disorder clinics, and 11.7 miles for dementia clinics.

The VA has conducted numerous studies into the issue of veterans and questions of access due to distance. Zip code areas were used in studies of medical (Mooney, Zwanziger, Phibbs, & Schmitt, 2000) and mental health services (Fortney, Owen, & Clothier, 1999). Again, although not the only factor, distance was one of the primary reasons that veterans did not obtain needed care. Patients living farther away from primary mental health services were 4.8 times as likely to have acute psychiatric admissions. Follow up services was also adversely affected, as distance substantially limited after care treatment for alcohol programs (Fortney, Booth, Blow, & Bunn, 1995). Research has demonstrated that patients benefit from satellite clinics. Among active VA patients with psychoses in FY00, McCarthy found that distance is associated with lower volume and poorer continuity of care over a one-year period (McCarthy, 2002). Among users of VA care, utilization among patients living closer to VA facilities was more negatively affected than among more distant patients. In addition, patients with schizophrenia, though having more overall use, were found to be more susceptible to distance barriers than were patients with bipolar disorder or other psychoses.

For the purposes of this report, access was defined as the distance from a patient's residence to their nearest VA Medical Center (excluding contract care facilities) and to their nearest Service Center (excluding domiciliary, nursing home and contract care providers). Distances are based on straight-line estimates of the geographic placement of every zip code to the zip of the closest VA provider. These data were last updated in May 2000. Data from the VA Planning Systems Support Group (PSSG) were used to ascertain the zip codes of the VA facilities and the patient's zip codes were retrieved from the PTF and OPC files.

In addition, we assessed the percentage of patients living in a Metropolitan Statistical Area (MSA). An area qualifies for recognition as an MSA in one of two ways: the presence of a city of at least 50,000 population or an urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England).

Reported are the percent of patients at each location and in each diagnosis group that were in an MSA, and the average distances to those two kinds of sites.

No data are reported on those patients (approximately 5%) whose zip codes placed them in a VISN other than the one they were assigned to for the purposes of this report.

Key Findings

- As a measure of diagnosis stability, for patients who received care in both FY01 and FY02, 94.5% of SCH had the same dx in both years, 93.7% had a BP diagnosis in both years and only 81.6% of Other Psychoses had a stable diagnosis in both years.
- 66% of FY02 NPR patients were also in the FY01 NPR.
- In FY02, over 60% of inpatient GAF scores were missing.
- Since 1999, missing GAF scores have increased in IP care and decreased in OP care.
- Missing GAF scores, stable overall from previous years, continue to vary across VISNs: Inpatient from 38.9% to 80.2%, and outpatient from 4.0% to 33.0%.
- 2.9% of patients died in FY02.
- The standardized mortality ratio was 1.61 for SCH and 1.08 for BP.
- 18.2% of patients were in the VERA complex category.
- VERA category “Chronic MH” higher for SCH than BP (16.2% vs. 7.5%).
- VERA “complex” patients varied from 11.6% to 25.8% across VISNs with the complex category of “chronic mental” varying from 5.0% to 16.4%.
- 29.8% of veterans were service connected at over 70%, with 22.9% having a 100% service connection.
- BP had higher rates of concurrent substance abuse diagnoses (31.6% vs. 23.7%).

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Table 2A: FY02 Patient w/ Psychosis, Patient Characteristics, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
<u>Registry Pts. History of VA Utilization</u>				
Years since first use in prior five years, mean	4.1	4.5	3.8	3.6
SD	1.6	1.2	1.7	1.9
Yrs with 24-hour institutional use / yrs since 1st use, %	26.4%	28.0%	25.7%	23.0%
SD	30.2%	31.3%	29.5%	27.8%
Years with OP use / Years since first use, %	94.7%	95.2%	94.2%	94.1%
SD	15.3%	15.1%	15.2%	15.7%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>				
Had Psychosis Diagnosis in FY01, %	66.0%	81.4%	63.2%	33.4%
<i>Among Patients With Psychoses in FY01</i>				
Psychosis Category: Schizophrenia, %	57.3%	94.5%	4.9%	13.5%
Psychosis Category: Bipolar Disorder, %	32.9%	3.0%	93.7%	4.9%
Psychosis Category: Other Psychosis, %	9.8%	2.5%	1.4%	81.6%
Total	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>				
Lowest inpatient GAF score, mean	37.13	35.63	39.27	36.76
SD	13.70	13.48	13.64	13.88
Mean outpatient GAF score	50.30	48.72	53.15	48.26
SD	11.03	10.61	10.80	11.56
At least 1 IP GAF, among pts with MH bedsections, %	39.4%	40.4%	38.6%	37.9%
At least 1 OP GAF, among pts with MH clinic stops, %	83.8%	85.1%	83.9%	79.3%
<u>Mortality rates</u>				
died in FY02, %	2.9%	2.6%	1.5%	6.2%
Age-and-gender-adjusted Standardized Mortality Ratio	1.37	1.61	1.08	1.33
<u>Service Connection (SC)</u>				
Non-SC	50.5%	41.2%	56.6%	62.2%
SC 0 - 29%	8.8%	7.0%	10.2%	10.6%
SC 30 - 69%	11.0%	9.0%	13.6%	11.3%
SC 70 - 99%	6.9%	6.3%	8.0%	6.1%
SC 100%	22.9%	36.6%	11.6%	9.8%
Total	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class. %</u>				
Complex*	18.2%	22.8%	12.9%	16.4%
Basic vested, Cat A*	76.4%	74.6%	79.7%	75.0%
Basic Non-vested, Cat A*	1.0%	1.1%	0.9%	0.8%
Basic, Cats C and N	4.4%	1.6%	6.5%	7.8%
Total	100.0%	100.0%	100.0%	100.0%
* Funded				

Table 2A: FY02 Patient w/ Psychosis, Patient Characteristics, by Diagnosis Grouping, continued

		All	Schizophrenia	Bipolar	Other
Entire Population		205620	95875	70345	39400
<u>Patient eligibility category, %</u>					
Cat A (SC or low income)		95.3%	98.3%	93.3%	91.6%
Cat C (NSC and higher income)		4.1%	1.3%	5.7%	7.9%
Non-Veteran		0.6%	0.4%	0.9%	0.6%
Total		100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>					
BASIC	1. Non-reliant Care	0.2%	0.2%	0.2%	0.2%
	2. Basic Medical	14.6%	12.2%	13.6%	22.4%
	3. Mental Health	37.6%	39.1%	41.2%	27.2%
	4. Heart / Lung / GI	6.9%	5.4%	6.5%	11.1%
	5. Oncology / Infectious Disease	3.7%	3.5%	3.9%	3.7%
COMPLEX	6. Multiple Medical	18.9%	16.8%	21.7%	19.0%
	7. Specialized Care	2.6%	2.0%	2.3%	4.9%
	8. Support Care	2.9%	2.4%	2.1%	5.4%
	9. Chronic Mental	10.6%	16.2%	7.5%	2.8%
	10. Critically Ill	2.0%	2.3%	1.0%	3.2%
Total		100.0%	100.0%	100.0%	100.0%
<u>Substance Dependence and Abuse</u>					
Any dx of alcohol / drug dependence or abuse, %		25.4%	23.7%	31.6%	18.7%
<u>Homelessness</u>					
Homelessness indicated in FY02, %		12.4%	12.4%	14.7%	8.3%
<u>Residence in Metropolitan Area</u>					
Residing in a Metropolitan Statistical Area, %		79.7%	81.4%	79.2%	76.4%
<u>Distance</u>					
Mile from closest VA Medical Center, mean		31.27	28.19	33.60	34.61
SD		65.43	54.85	73.01	73.86
Distance from closest VA Medical Center, %					
0 to 15 miles		50.1%	53.5%	47.1%	47.1%
15 to 30 miles		15.9%	15.4%	16.9%	15.3%
30 to 45 miles		10.4%	9.8%	10.9%	11.0%
45 to 60 miles		7.9%	7.3%	8.2%	8.7%
60 plus miles		15.7%	13.9%	16.8%	17.9%
Total		100.0%	100.0%	100.0%	100.0%
Miles from closest VA Service Site, mean		10.72	9.94	11.19	11.76
SD		13.41	12.68	13.97	13.98
Distance to closest VA Service Site, %					
0 to 15 miles		76.9%	78.7%	76.1%	73.7%
15 to 30 miles		14.9%	14.1%	15.1%	16.3%
30 to 45 miles		5.8%	5.1%	6.0%	6.8%
45 plus miles		2.5%	2.0%	2.8%	3.1%
Total		100.0%	100.0%	100.0%	100.0%

Table 2B: FY02 All Patients, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.08	4.26	4.12	4.26	4.13	4.09	4.01	4.06	4.09	4.06	4.01	4.07
SD	1.58	1.46	1.53	1.43	1.55	1.58	1.63	1.58	1.56	1.59	1.63	1.61
Yrs with 24-hour institutional use / yrs since 1st use, %	26.4%	25.5%	26.3%	27.1%	26.9%	31.3%	29.5%	26.4%	20.5%	28.6%	29.2%	27.9%
SD	30.2%	30.8%	30.2%	32.1%	31.0%	32.2%	31.4%	29.9%	26.9%	30.5%	31.2%	31.8%
Years with OP use / Years since first use, %	94.7%	95.4%	95.2%	93.5%	94.7%	93.4%	94.0%	94.4%	95.9%	95.2%	94.4%	93.4%
SD	15.3%	14.6%	14.3%	18.0%	15.3%	17.3%	16.6%	15.5%	12.9%	14.5%	15.7%	17.6%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY01, %	66.0%	68.4%	66.4%	70.1%	70.0%	64.4%	65.1%	64.0%	65.7%	62.5%	67.5%	70.5%
<i>Among Patients With Psychoses in FY01</i>												
Psychosis Category: Schizophrenia, %	57.3%	54.9%	57.0%	67.3%	64.5%	61.9%	57.7%	63.8%	59.8%	53.6%	61.3%	64.0%
Psychosis Category: Bipolar Disorder, %	32.9%	37.3%	37.2%	24.7%	30.1%	28.7%	31.5%	27.0%	29.4%	33.6%	32.1%	29.8%
Psychosis Category: Other Psychosis, %	9.8%	7.8%	5.9%	8.0%	5.4%	9.4%	10.7%	9.2%	10.7%	12.7%	6.6%	6.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	37.13	31.49	40.62	37.37	41.25	36.20	39.14	38.18	35.75	37.59	39.57	42.01
SD	13.70	12.71	10.44	12.07	10.14	12.69	11.59	13.44	13.37	13.81	11.04	15.98
Mean outpatient GAF score	50.30	48.00	49.49	51.46	50.82	49.44	51.00	51.00	52.14	50.40	50.84	53.76
SD	11.03	11.34	9.68	9.89	10.50	10.06	11.24	9.47	10.68	11.21	11.57	10.72
At least 1 IP GAF, among pts with MH bedsections, %	39.4%	45.7%	61.1%	44.8%	34.1%	51.5%	29.1%	36.0%	29.3%	36.1%	44.2%	31.7%
At least 1 OP GAF, among pts with MH clinic stops, %	83.8%	85.7%	91.5%	86.4%	82.8%	75.0%	88.2%	91.2%	78.8%	85.1%	78.6%	88.2%
<u>Mortality rates</u>												
died in FY02, %	2.9%	2.9%	2.7%	2.6%	3.2%	3.0%	3.4%	2.8%	2.7%	4.4%	2.9%	2.6%
Age-and-gender-adjusted Standardized Mortality Ratio	1.37	1.29	1.24	1.06	1.50	1.42	1.59	1.48	1.09	1.84	1.47	1.45

Table 2B: FY02 All Patients, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.08	4.14	4.05	4.04	3.98	4.01	3.98	4.13	4.06	3.96	4.16
SD	1.58	1.56	1.63	1.61	1.66	1.62	1.60	1.50	1.59	1.67	1.54
Yrs with 24-hour institutional use / yrs since 1st use, %	26.4%	30.9%	27.9%	25.4%	29.2%	26.0%	25.8%	27.3%	22.8%	23.1%	28.3%
SD	30.2%	32.4%	30.8%	28.8%	31.7%	29.0%	29.5%	30.1%	28.0%	27.9%	30.1%
Years with OP use / Years since first use, %	94.7%	93.9%	95.7%	94.9%	94.1%	95.6%	94.4%	95.2%	94.8%	93.6%	95.1%
SD	15.3%	16.7%	13.5%	14.4%	16.0%	13.0%	14.9%	14.0%	14.8%	16.4%	15.3%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY01, %	66.0%	64.4%	66.3%	65.1%	63.5%	61.0%	64.9%	67.9%	66.4%	62.7%	67.8%
<i>Among Patients With Psychoses in FY01</i>											
Psychosis Category: Schizophrenia, %	57.3%	54.3%	51.9%	59.0%	51.8%	45.7%	46.7%	47.3%	57.2%	55.8%	53.1%
Psychosis Category: Bipolar Disorder, %	32.9%	36.7%	35.6%	26.7%	34.9%	42.4%	44.1%	42.5%	31.8%	33.6%	39.1%
Psychosis Category: Other Psychosis, %	9.8%	9.0%	12.5%	14.3%	13.2%	11.9%	9.2%	10.2%	11.0%	10.7%	7.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	37.13	37.28	44.53	33.51	39.94	40.59	37.55	31.36	33.62	35.82	36.32
SD	13.70	11.75	14.21	16.42	13.34	12.55	11.36	15.94	15.76	12.66	13.08
Mean outpatient GAF score	50.30	48.76	52.27	50.76	48.80	50.11	46.73	46.80	50.29	47.12	52.52
SD	11.03	11.88	11.14	11.18	10.53	11.28	10.42	10.60	10.52	12.25	11.52
At least 1 IP GAF, among pts with MH bedsections, %	39.4%	58.3%	19.8%	53.0%	45.8%	29.1%	35.4%	44.6%	25.8%	27.6%	51.0%
At least 1 OP GAF, among pts with MH clinic stops, %	83.8%	86.7%	81.3%	96.0%	86.6%	84.3%	84.2%	75.8%	85.2%	67.0%	83.8%
<u>Mortality rates</u>											
died in FY 01, %	2.9%	2.6%	3.6%	2.9%	3.3%	3.7%	2.5%	2.5%	2.2%	2.2%	2.8%
Age-and-gender-adjusted Standardized Mortality Ratio	1.37	1.29	1.59	1.37	1.45	1.62	1.32	1.48	1.16	1.14	1.37

Table 2B: FY02 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Service Connection (SC)</u>												
Non-SC	50.5%	47.4%	54.0%	48.2%	51.0%	51.8%	44.1%	46.8%	43.1%	51.5%	56.2%	54.6%
SC 0 - 29%	8.8%	7.8%	8.6%	8.8%	8.6%	8.1%	8.6%	9.6%	8.7%	8.5%	9.3%	8.5%
SC 30 - 69%	11.0%	10.5%	10.0%	10.7%	10.8%	10.3%	13.2%	13.1%	11.7%	11.3%	11.1%	10.6%
SC 70 - 99%	6.9%	8.8%	7.6%	6.5%	6.8%	5.8%	8.2%	7.8%	7.7%	5.7%	4.6%	5.2%
SC 100%	22.9%	25.5%	19.8%	25.9%	22.8%	24.0%	25.9%	22.7%	28.8%	23.0%	18.8%	21.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
Complex*	18.2%	21.7%	23.8%	25.4%	19.3%	24.1%	16.4%	16.1%	11.6%	15.7%	23.5%	18.1%
Basic vested, Cat A*	76.4%	72.5%	70.5%	68.4%	75.7%	70.9%	79.0%	79.4%	83.2%	79.2%	71.6%	75.2%
Basic Non-vested, Cat A*	1.0%	0.8%	0.9%	1.0%	0.8%	1.2%	1.0%	0.6%	0.7%	0.9%	0.6%	2.2%
Basic, Cats C and N	4.4%	5.0%	4.8%	5.2%	4.3%	3.8%	3.5%	3.9%	4.5%	4.1%	4.4%	4.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
Cat A (SC or low income)	95.3%	94.8%	94.8%	94.3%	95.5%	95.9%	96.3%	95.9%	95.4%	95.6%	95.4%	95.2%
Cat C (NSC and higher income)	4.1%	4.2%	4.4%	5.2%	4.0%	3.5%	3.4%	3.8%	4.0%	3.6%	4.3%	4.5%
Non-Veteran	0.6%	0.9%	0.9%	0.6%	0.5%	0.6%	0.3%	0.2%	0.7%	0.8%	0.3%	0.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC	1. Non-reliant Care	0.2%	0.2%	0.1%	0.2%	0.3%	0.4%	0.4%	0.1%	0.2%	0.1%	0.2%
	2. Basic Medical	14.6%	11.1%	12.8%	12.7%	12.9%	17.1%	15.9%	15.8%	17.8%	10.3%	14.2%
	3. Mental Health	37.6%	36.8%	36.9%	33.9%	39.4%	31.0%	36.8%	38.6%	37.8%	36.5%	41.5%
	4. Heart / Lung / GI	6.9%	5.4%	6.1%	5.5%	7.0%	6.2%	8.3%	7.0%	7.9%	6.1%	6.5%
	5. Oncology / Infectious Disease	3.7%	3.3%	3.1%	4.3%	4.3%	3.9%	3.6%	3.9%	3.8%	3.1%	2.9%
	6. Multiple Medical	18.9%	21.5%	17.2%	18.1%	16.9%	22.0%	17.3%	18.4%	22.8%	17.4%	18.0%
COMPLEX	7. Specialized Care	2.6%	3.0%	3.9%	3.4%	2.2%	3.4%	2.3%	2.8%	3.0%	2.2%	2.8%
	8. Support Care	2.9%	2.7%	2.8%	2.3%	2.0%	3.9%	2.2%	2.4%	2.9%	3.5%	3.1%
	9. Chronic Mental	10.6%	13.9%	14.8%	16.4%	12.1%	14.8%	9.5%	9.3%	4.3%	8.0%	14.4%
	10. Critically Ill	2.0%	2.1%	2.2%	3.4%	3.0%	1.9%	2.4%	1.6%	1.4%	2.1%	3.1%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY02 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Service Connection (SC)</u>											
Non-SC	50.5%	58.0%	58.6%	49.6%	48.0%	50.0%	49.4%	47.7%	50.1%	56.7%	52.9%
SC 0 - 29%	8.8%	8.5%	8.6%	8.9%	9.9%	9.3%	9.1%	8.9%	7.9%	8.9%	8.6%
SC 30 - 69%	11.0%	9.9%	8.9%	10.9%	12.2%	10.4%	11.6%	10.8%	10.7%	10.2%	10.5%
SC 70 - 99%	6.9%	5.6%	5.2%	6.6%	7.6%	8.8%	6.6%	9.2%	7.0%	5.4%	6.8%
SC 100%	22.9%	17.9%	18.7%	23.9%	22.2%	21.5%	23.4%	23.4%	24.3%	18.8%	21.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>											
Complex*	18.2%	25.8%	16.7%	14.6%	20.5%	12.8%	17.6%	17.5%	16.1%	16.5%	21.2%
Basic vested, Cat A*	76.4%	67.8%	75.8%	80.7%	74.6%	81.4%	76.0%	79.2%	79.6%	77.1%	72.5%
Basic Non-vested, Cat A*	1.0%	1.1%	1.0%	0.8%	0.8%	0.5%	1.1%	0.7%	1.2%	2.0%	0.8%
Basic, Cats C and N	4.4%	5.3%	6.5%	3.9%	4.0%	5.3%	5.4%	2.6%	3.2%	4.3%	5.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded											
<u>Patient eligibility category, %</u>											
Cat A (SC or low income)	95.3%	94.3%	93.2%	95.9%	95.7%	94.5%	94.4%	97.3%	96.6%	95.5%	94.1%
Cat C (NSC and higher income)	4.1%	5.1%	5.5%	3.5%	3.3%	4.4%	5.0%	2.6%	2.6%	3.7%	5.4%
Non-Veteran	0.6%	0.5%	1.3%	0.5%	1.0%	1.2%	0.6%	0.2%	0.8%	0.7%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>											
BASIC	1. Non-reliant Care	0.2%	0.4%	0.1%	0.1%	0.1%	0.1%	0.1%	0.5%	0.1%	0.1%
	2. Basic Medical	14.6%	12.2%	17.5%	17.4%	16.4%	17.2%	15.3%	12.3%	14.8%	14.3%
	3. Mental Health	37.6%	34.5%	37.3%	38.5%	34.7%	36.9%	37.7%	37.8%	41.2%	37.7%
	4. Heart / Lung / GI	6.9%	5.7%	8.0%	8.1%	6.8%	8.5%	6.6%	5.6%	5.8%	7.0%
	5. Oncology / Infectious Disease	3.7%	2.8%	3.0%	4.1%	3.3%	4.3%	3.4%	4.3%	4.7%	2.4%
	6. Multiple Medical	18.9%	18.7%	17.4%	17.2%	18.2%	20.3%	19.3%	22.3%	18.5%	19.6%
COMPLEX	7. Specialized Care	2.6%	2.9%	2.2%	1.8%	2.2%	3.0%	2.5%	2.4%	3.0%	3.0%
	8. Support Care	2.9%	4.4%	3.2%	2.4%	4.3%	3.3%	2.4%	3.2%	2.2%	3.1%
	9. Chronic Mental	10.6%	15.7%	9.4%	9.0%	11.8%	5.0%	11.6%	11.0%	8.9%	9.7%
	10. Critically Ill	2.0%	2.9%	1.8%	1.4%	2.2%	1.5%	1.1%	0.9%	2.0%	1.4%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY02 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Substance Dependence and Abuse</u>												
Any dx of alcohol / drug dependence or abuse, %	25.4%	29.3%	29.6%	27.0%	24.1%	30.4%	21.6%	22.8%	19.1%	20.2%	28.0%	23.4%
<u>Homelessness</u>												
Homelessness indicated in FY02, %	12.4%	13.6%	11.6%	18.5%	11.5%	16.7%	9.3%	9.8%	6.9%	7.4%	13.2%	10.8%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	79.7%	83.1%	77.4%	98.4%	86.0%	90.6%	71.0%	72.2%	88.1%	65.1%	80.1%	74.8%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	31.27	19.21	22.57	10.31	17.12	13.41	27.53	32.65	35.30	35.01	23.79	31.24
SD	65.43	22.41	23.67	10.86	16.46	17.36	23.28	28.21	31.76	31.26	19.91	30.50
Distance from closest VA Medical Center, %												
0 to 15 miles	50.1%	54.4%	47.2%	78.6%	56.4%	74.8%	38.5%	39.7%	38.4%	41.2%	45.2%	44.4%
15 to 30 miles	15.9%	23.9%	23.9%	14.1%	22.0%	14.2%	21.7%	13.8%	19.4%	12.3%	16.5%	13.2%
30 to 45 miles	10.4%	14.0%	14.9%	6.0%	14.1%	3.5%	17.3%	13.2%	8.4%	12.3%	23.0%	13.7%
45 to 60 miles	7.9%	4.4%	7.0%	1.1%	4.9%	3.7%	13.8%	14.8%	7.6%	8.8%	10.8%	12.6%
60 plus miles	15.7%	3.2%	7.1%	0.2%	2.6%	3.8%	8.7%	18.5%	26.1%	25.4%	4.5%	16.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	10.72	7.45	7.73	4.15	7.61	6.92	16.38	15.22	8.90	15.37	8.41	12.23
SD	13.41	7.79	7.38	4.27	7.00	6.71	13.81	14.37	8.36	13.35	8.16	11.55
Distance to closest VA Service Site, %												
0 to 15 miles	76.9%	87.6%	81.9%	96.6%	86.0%	86.7%	55.0%	61.5%	82.3%	59.6%	82.0%	69.8%
15 to 30 miles	14.9%	10.6%	17.1%	3.4%	12.5%	12.4%	29.8%	21.2%	15.1%	24.5%	15.0%	19.9%
30 to 45 miles	5.8%	1.5%	1.0%	0.0%	1.5%	0.8%	10.8%	12.7%	1.8%	13.1%	2.9%	8.7%
45 plus miles	2.5%	0.3%	0.0%	0.0%	0.0%	0.1%	4.3%	4.7%	0.9%	2.8%	0.0%	1.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2B: FY02 All Patients, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Substance Dependence and Abuse</u>											
Any dx of alcohol / drug dependence or abuse, %	25.4%	31.3%	23.9%	23.7%	23.3%	25.6%	26.0%	30.4%	29.0%	28.3%	29.5%
<u>Homelessness</u>											
Homelessness indicated in FY02, %	12.4%	13.1%	11.4%	9.7%	13.8%	12.0%	10.8%	17.7%	15.6%	21.7%	10.4%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	79.7%	82.7%	65.3%	72.7%	81.4%	77.7%	71.2%	75.2%	88.7%	99.4%	56.4%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	31.27	21.63	27.55	40.24	37.66	44.77	48.14	79.83	31.16	17.92	42.48
<i>SD</i>	65.43	26.00	34.81	35.67	48.05	63.98	57.23	267.39	44.47	25.86	47.23
Distance from closest VA Medical Center, %											
0 to 15 miles	50.1%	59.5%	54.3%	38.5%	42.7%	56.3%	48.1%	51.5%	53.8%	66.9%	42.2%
15 to 30 miles	15.9%	16.6%	11.9%	9.9%	17.1%	11.1%	5.3%	12.1%	16.2%	20.8%	11.9%
30 to 45 miles	10.4%	7.5%	7.4%	10.2%	13.3%	3.1%	7.0%	7.4%	11.0%	3.6%	6.6%
45 to 60 miles	7.9%	7.1%	10.3%	11.0%	7.0%	3.4%	5.9%	9.0%	6.0%	2.9%	11.2%
60 plus miles	15.7%	9.3%	16.0%	30.4%	19.9%	26.1%	33.6%	20.1%	12.9%	5.8%	28.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	10.72	7.99	11.27	16.84	10.03	9.92	12.03	14.38	8.34	5.75	16.84
<i>SD</i>	13.41	9.33	12.24	15.47	10.36	12.54	16.84	32.02	10.64	6.87	18.35
Distance to closest VA Service Site, %											
0 to 15 miles	76.9%	85.5%	72.0%	58.0%	75.8%	84.2%	78.1%	74.6%	86.0%	94.8%	60.9%
15 to 30 miles	14.9%	9.6%	18.5%	20.4%	18.1%	8.2%	10.2%	13.5%	10.4%	3.7%	16.7%
30 to 45 miles	5.8%	4.3%	7.7%	14.1%	5.1%	3.8%	5.6%	5.3%	2.3%	1.1%	14.0%
45 plus miles	2.5%	0.6%	1.8%	7.5%	1.1%	3.9%	6.1%	6.6%	1.2%	0.4%	8.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	4.5	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.5	4.5	4.4	4.4
SD	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.1	1.3	1.3
Yrs with 24-hour institutional use / yrs since 1st use, %	28.0%	27.4%	26.6%	29.1%	28.2%	33.1%	32.4%	29.1%	20.2%	31.0%	32.3%	30.0%
SD	31.3%	31.9%	30.5%	33.4%	31.7%	33.0%	32.9%	31.2%	26.8%	31.7%	32.2%	33.1%
Years with OP use / Years since first use, %	95.2%	95.3%	95.8%	93.5%	95.5%	93.6%	94.0%	94.8%	96.8%	95.6%	95.4%	93.4%
SD	15.1%	15.7%	13.7%	18.9%	14.9%	17.5%	16.9%	15.4%	11.5%	14.8%	14.8%	18.2%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY01, %	81.4%	82.9%	83.1%	80.5%	83.5%	77.2%	80.9%	78.5%	79.9%	84.4%	83.7%	83.1%
<i>Among Patients With Psychoses in FY01</i>												
Psychosis Category: Schizophrenia, %	94.5%	93.1%	93.6%	95.1%	95.7%	93.2%	94.8%	94.4%	95.1%	94.8%	96.2%	96.0%
Psychosis Category: Bipolar Disorder, %	3.0%	4.7%	4.1%	2.5%	3.0%	4.1%	2.8%	2.7%	2.4%	2.3%	2.5%	2.5%
Psychosis Category: Other Psychosis, %	2.5%	2.1%	2.3%	2.4%	1.3%	2.7%	2.4%	2.9%	2.4%	2.9%	1.3%	1.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	35.63	29.60	37.06	36.33	39.40	35.27	38.00	37.26	34.43	37.53	38.06	41.00
SD	13.48	11.84	11.06	11.70	9.87	12.90	10.91	13.02	13.06	14.03	10.88	15.93
Mean outpatient GAF score	48.72	45.65	46.53	49.97	49.35	48.15	48.63	49.55	51.00	49.24	48.80	52.71
SD	10.61	11.26	9.03	9.28	10.27	9.69	11.18	9.08	10.43	10.54	11.27	10.53
At least 1 IP GAF, among pts with MH bedsections, %	40.4%	47.3%	57.8%	46.1%	36.8%	54.2%	30.8%	37.5%	28.7%	36.2%	45.1%	34.3%
At least 1 OP GAF, among pts with MH clinic stops, %	85.1%	86.4%	93.1%	88.1%	84.4%	77.3%	90.3%	91.3%	77.5%	88.5%	78.7%	88.7%
<u>Mortality rates</u>												
died in FY02, %	2.6%	3.1%	2.8%	2.6%	3.1%	2.9%	3.1%	2.4%	2.3%	3.7%	2.9%	2.4%
Age-and-gender-adjusted Standardized Mortality Ratio	1.61	1.64	1.41	1.28	1.66	1.82	2.01	1.62	1.27	2.18	1.95	1.60

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	4.5	4.4	4.5	4.4	4.5	4.4	4.4	4.5	4.4	4.4	4.5
SD	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.2
Yrs with 24-hour institutional use / yrs since 1st use, %	28.0%	31.4%	29.4%	27.7%	32.0%	26.7%	28.3%	28.4%	23.5%	25.4%	29.2%
SD	31.3%	33.4%	31.9%	30.3%	32.9%	29.7%	31.1%	30.8%	28.6%	29.3%	31.0%
Years with OP use / Years since first use, %	95.2%	94.0%	96.3%	95.8%	94.9%	96.2%	95.6%	96.1%	95.6%	94.5%	94.9%
SD	15.1%	17.2%	13.0%	13.3%	15.5%	12.1%	13.5%	13.0%	13.8%	15.6%	16.8%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY01, %	81.4%	79.7%	85.2%	81.8%	81.5%	79.7%	84.2%	83.2%	80.2%	77.5%	83.2%
<i>Among Patients With Psychoses in FY01</i>											
Psychosis Category: Schizophrenia, %	94.5%	93.5%	94.9%	95.0%	94.0%	91.9%	94.5%	93.1%	93.9%	93.1%	95.3%
Psychosis Category: Bipolar Disorder, %	3.0%	4.3%	2.6%	1.9%	3.2%	5.1%	3.6%	3.6%	2.7%	3.4%	2.2%
Psychosis Category: Other Psychosis, %	2.5%	2.2%	2.5%	3.1%	2.8%	3.1%	1.9%	3.2%	3.5%	3.4%	2.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	35.63	36.18	40.49	32.64	38.21	37.77	35.60	29.66	29.89	35.06	34.09
SD	13.48	11.50	13.51	16.79	12.99	10.44	11.45	15.80	14.54	11.56	13.49
Mean outpatient GAF score	48.72	47.03	50.98	49.78	46.78	47.94	44.05	44.38	47.88	45.16	50.61
SD	10.61	11.19	10.61	10.88	9.48	10.24	9.61	9.58	10.05	11.04	11.66
At least 1 IP GAF, among pts with MH bedsections, %	40.4%	55.1%	20.2%	54.9%	46.0%	29.2%	37.0%	45.5%	29.5%	29.9%	50.3%
At least 1 OP GAF, among pts with MH clinic stops, %	85.1%	89.2%	83.3%	96.1%	86.1%	86.9%	85.3%	77.7%	85.5%	70.9%	85.4%
<u>Mortality rates</u>											
died in FY 01, %	2.6%	2.5%	2.6%	2.6%	2.4%	2.2%	2.4%	2.2%	2.2%	2.0%	2.4%
Age-adjusted Standardized Mortality Ratio	1.61	1.64	1.79	1.83	1.51	1.47	1.85	1.65	1.46	1.45	1.49

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Service Connection (SC)</u>												
Non-SC	41.2%	39.9%	46.0%	39.3%	42.6%	43.7%	33.7%	38.7%	29.4%	40.8%	48.8%	46.3%
SC 0 - 29%	7.0%	5.7%	6.5%	7.2%	6.9%	6.8%	7.0%	7.9%	6.9%	5.6%	7.8%	6.7%
SC 30 - 69%	9.0%	7.5%	8.2%	9.6%	9.5%	8.1%	10.6%	11.7%	9.9%	8.5%	8.5%	9.7%
SC 70 - 99%	6.3%	6.9%	6.9%	6.5%	6.8%	5.4%	7.1%	8.1%	7.8%	4.3%	4.7%	5.5%
SC 100%	36.6%	39.9%	32.3%	37.5%	34.2%	36.0%	41.7%	33.6%	46.1%	40.8%	30.1%	31.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class. %</u>												
Complex*	22.8%	29.2%	27.9%	30.6%	24.4%	29.3%	21.4%	19.9%	12.0%	19.9%	31.5%	22.6%
Basic vested, Cat A*	74.6%	67.5%	68.8%	66.0%	73.2%	67.8%	76.4%	78.4%	86.2%	77.8%	66.4%	73.1%
Basic Non-vested, Cat A*	1.1%	1.0%	1.0%	1.2%	0.7%	1.4%	1.0%	0.5%	0.9%	1.3%	0.5%	2.5%
Basic, Cats C and N	1.6%	2.3%	2.3%	2.2%	1.6%	1.6%	1.2%	1.2%	0.9%	0.9%	1.6%	1.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
Cat A (SC or low income)	98.3%	97.6%	97.5%	97.3%	98.3%	98.4%	98.7%	98.7%	99.0%	99.0%	98.2%	98.0%
Cat C (NSC and higher income)	1.3%	1.5%	2.2%	2.3%	1.4%	1.1%	1.0%	1.1%	0.6%	0.6%	1.6%	1.7%
Non-Veteran	0.4%	1.0%	0.3%	0.4%	0.3%	0.5%	0.3%	0.2%	0.3%	0.4%	0.3%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC												
1. Non-reliant Care	0.2%	0.2%	0.0%	0.2%	0.3%	0.4%	0.4%	0.1%	0.2%	0.2%	0.1%	0.2%
2. Basic Medical	12.2%	9.1%	13.4%	10.5%	10.7%	9.3%	14.7%	13.6%	13.3%	14.9%	7.5%	12.5%
3. Mental Health	39.1%	35.0%	34.7%	34.5%	40.6%	32.4%	38.3%	39.1%	40.5%	41.3%	38.5%	42.6%
4. Heart / Lung / GI	5.4%	4.4%	5.8%	4.4%	5.4%	5.3%	6.9%	5.7%	6.2%	6.7%	4.4%	5.2%
5. Oncology / Infectious Disease	3.5%	3.0%	3.3%	4.0%	3.9%	3.8%	3.3%	4.0%	3.9%	3.3%	2.3%	3.0%
6. Multiple Medical	16.8%	19.1%	14.9%	15.8%	14.8%	19.5%	15.0%	17.6%	23.9%	13.7%	15.8%	13.9%
COMPLEX												
7. Specialized Care	2.0%	2.5%	2.7%	2.6%	2.0%	2.7%	1.9%	2.3%	2.4%	1.5%	2.3%	1.1%
8. Support Care	2.4%	3.1%	1.9%	1.9%	1.6%	3.1%	1.6%	1.6%	2.4%	2.4%	2.8%	1.7%
9. Chronic Mental	16.2%	20.6%	21.0%	21.8%	17.5%	21.4%	15.3%	14.2%	6.0%	13.8%	22.6%	17.5%
10. Critically Ill	2.3%	3.0%	2.4%	4.4%	3.3%	2.2%	2.5%	1.8%	1.3%	2.2%	3.8%	2.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Service Connection (SC)</u>											
Non-SC	41.2%	49.4%	49.1%	39.7%	37.9%	38.3%	40.8%	41.3%	41.0%	48.2%	46.1%
SC 0 - 29%	7.0%	6.8%	6.9%	7.2%	8.7%	6.6%	6.4%	6.6%	6.4%	7.5%	7.0%
SC 30 - 69%	9.0%	9.9%	6.4%	9.3%	9.0%	8.0%	7.4%	6.3%	7.6%	9.1%	7.8%
SC 70 - 99%	6.3%	5.7%	4.9%	5.9%	6.4%	7.8%	4.5%	7.0%	6.6%	5.1%	5.1%
SC 100%	36.6%	28.1%	32.8%	37.9%	38.1%	39.3%	40.9%	38.8%	38.4%	30.1%	33.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>											
Complex*	22.8%	29.2%	21.1%	19.4%	25.5%	13.5%	25.8%	23.5%	19.1%	22.3%	25.6%
Basic vested, Cat A*	74.6%	67.2%	75.3%	78.6%	72.2%	83.9%	71.2%	74.8%	78.4%	74.9%	71.5%
Basic Non-vested, Cat A*	1.1%	1.6%	1.2%	0.8%	0.9%	0.7%	1.2%	0.6%	1.2%	1.4%	1.1%
Basic, Cats C and N	1.6%	1.9%	2.4%	1.2%	1.4%	1.9%	1.8%	1.1%	1.2%	1.4%	1.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded											
<u>Patient eligibility category, %</u>											
Cat A (SC or low income)	98.3%	97.9%	97.4%	98.7%	98.4%	97.9%	98.1%	98.9%	98.7%	98.5%	97.8%
Cat C (NSC and higher income)	1.3%	1.7%	1.7%	1.0%	0.9%	1.0%	1.3%	1.0%	0.8%	1.0%	1.9%
Non-Veteran	0.4%	0.4%	0.8%	0.3%	0.6%	1.1%	0.6%	0.1%	0.6%	0.5%	0.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>											
BASIC	1. Non-reliant Care	0.2%	0.6%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.3%	0.1%
	2. Basic Medical	12.2%	10.0%	14.3%	14.5%	14.3%	15.3%	11.9%	10.5%	11.5%	12.5%
	3. Mental Health	39.1%	37.1%	41.4%	40.7%	35.8%	42.6%	39.1%	38.9%	44.0%	40.1%
	4. Heart / Lung / GI	5.4%	4.5%	6.0%	6.3%	5.5%	6.7%	4.8%	4.6%	4.6%	3.9%
	5. Oncology / Infectious Disease	3.5%	2.5%	2.9%	4.0%	3.1%	4.2%	2.7%	4.1%	4.0%	3.8%
	6. Multiple Medical	16.8%	16.1%	14.2%	14.9%	15.8%	17.5%	15.7%	18.2%	16.5%	17.7%
COMPLEX	7. Specialized Care	2.0%	1.7%	2.0%	1.4%	1.3%	2.0%	1.6%	1.6%	1.7%	2.3%
	8. Support Care	2.4%	3.7%	2.3%	1.9%	3.3%	2.2%	2.0%	3.1%	2.2%	3.5%
	9. Chronic Mental	16.2%	20.2%	15.1%	14.6%	19.0%	8.2%	21.2%	18.0%	13.5%	15.7%
	10. Critically Ill	2.3%	3.6%	1.7%	1.5%	1.9%	1.1%	1.0%	0.8%	1.8%	1.5%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Substance Dependence and Abuse</u>												
Any dx of alcohol / drug dependence or abuse, %	23.7%	25.4%	25.4%	25.5%	21.0%	29.3%	22.1%	23.2%	17.2%	18.8%	26.5%	20.6%
<u>Homelessness</u>												
Homelessness indicated in FY02, %	12.4%	12.5%	9.8%	19.3%	11.6%	17.2%	10.9%	11.1%	5.6%	8.2%	12.5%	10.4%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	81.4%	85.4%	79.9%	98.2%	88.0%	91.7%	71.4%	73.6%	88.3%	66.7%	77.9%	75.5%
<u>Distance</u>												
Mile from closest VA Medical Center, mean	28.19	17.62	20.96	10.38	15.74	11.89	26.46	30.34	32.14	34.46	22.69	28.25
<i>SD</i>	<i>54.85</i>	<i>21.27</i>	<i>22.57</i>	<i>10.89</i>	<i>15.86</i>	<i>15.70</i>	<i>23.46</i>	<i>27.99</i>	<i>30.32</i>	<i>31.75</i>	<i>19.52</i>	<i>29.46</i>
Distance from closest VA Medical Center, %												
0 to 15 miles	53.5%	56.9%	49.7%	77.6%	60.1%	78.0%	41.9%	44.4%	42.9%	42.7%	47.5%	49.9%
15 to 30 miles	15.4%	24.2%	23.4%	15.1%	20.5%	13.0%	19.5%	13.0%	18.9%	12.2%	15.5%	12.8%
30 to 45 miles	9.8%	13.4%	14.9%	6.2%	13.0%	2.9%	16.7%	12.8%	7.4%	11.0%	23.1%	11.6%
45 to 60 miles	7.3%	3.1%	6.4%	0.9%	4.2%	3.3%	13.1%	13.2%	7.5%	8.9%	10.5%	11.5%
60 plus miles	13.9%	2.3%	5.6%	0.2%	2.1%	2.8%	8.8%	16.7%	23.4%	25.4%	3.5%	14.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from closest VA Service Site, mean	9.94	6.75	7.55	4.25	7.08	6.39	15.59	14.22	8.99	15.03	8.02	11.10
<i>SD</i>	<i>12.68</i>	<i>7.20</i>	<i>7.48</i>	<i>4.49</i>	<i>6.72</i>	<i>6.36</i>	<i>13.67</i>	<i>14.01</i>	<i>7.99</i>	<i>13.35</i>	<i>8.33</i>	<i>11.02</i>
Distance to closest VA Service Site, %												
0 to 15 miles	78.7%	89.5%	81.3%	96.1%	88.0%	88.3%	57.5%	64.9%	80.5%	60.4%	81.5%	73.9%
15 to 30 miles	14.1%	9.2%	17.7%	3.8%	10.7%	11.0%	28.5%	19.1%	17.7%	24.4%	15.4%	17.8%
30 to 45 miles	5.1%	1.2%	1.0%	0.1%	1.3%	0.6%	10.3%	12.0%	1.2%	12.4%	3.1%	7.0%
45 plus miles	2.0%	0.1%	0.0%	0.0%	0.0%	0.1%	3.8%	4.0%	0.6%	2.7%	0.0%	1.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2C: FY02 Patients w/ Schizophrenia, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Substance Dependence and Abuse</u>											
Any dx of alcohol / drug dependence or abuse, %	23.7%	27.8%	21.9%	24.1%	22.7%	24.8%	24.4%	28.3%	25.1%	28.3%	25.3%
<u>Homelessness</u>											
Homelessness indicated in FY02, %	12.4%	12.1%	12.7%	10.4%	14.0%	11.3%	10.5%	18.6%	15.7%	21.3%	9.7%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	81.4%	82.5%	68.9%	74.3%	82.8%	79.0%	70.9%	78.7%	91.4%	99.5%	59.4%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	28.19	20.32	24.51	39.49	35.61	50.21	48.43	63.10	28.12	15.98	39.20
SD	54.85	25.97	29.38	35.88	48.73	69.78	54.83	230.82	42.89	20.54	45.62
Distance from closest VA Medical Center, %											
0 to 15 miles	53.5%	63.0%	59.3%	40.5%	48.3%	54.4%	48.2%	57.7%	57.2%	70.5%	45.7%
15 to 30 miles	15.4%	15.5%	10.9%	8.8%	15.1%	9.7%	4.6%	10.1%	18.1%	19.9%	13.3%
30 to 45 miles	9.8%	6.9%	5.6%	9.7%	12.4%	3.4%	6.7%	6.9%	9.4%	2.8%	4.9%
45 to 60 miles	7.3%	5.8%	10.6%	11.2%	5.5%	3.2%	6.2%	8.8%	4.3%	2.2%	10.6%
60 plus miles	13.9%	8.8%	13.5%	29.9%	18.7%	29.3%	34.4%	16.5%	11.0%	4.6%	25.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	9.94	7.51	10.23	16.27	9.02	9.43	11.33	12.53	7.47	5.19	15.19
SD	12.68	9.24	11.62	15.42	9.87	12.10	16.19	32.14	8.77	5.98	17.31
Distance to closest VA Service Site, %											
0 to 15 miles	78.7%	86.6%	75.1%	59.9%	79.0%	84.8%	79.4%	79.7%	88.5%	96.4%	64.4%
15 to 30 miles	14.1%	8.8%	17.3%	19.1%	15.9%	7.8%	9.7%	11.5%	9.2%	2.6%	16.7%
30 to 45 miles	5.1%	4.0%	6.1%	13.8%	4.3%	4.1%	5.8%	4.1%	1.6%	0.7%	12.0%
45 plus miles	2.0%	0.7%	1.5%	7.1%	0.8%	3.2%	5.1%	4.7%	0.7%	0.3%	6.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY02 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	3.84	4.03	3.88	3.99	3.87	3.88	3.75	3.72	3.80	3.79	3.79	3.71
SD	1.69	1.60	1.62	1.59	1.67	1.68	1.75	1.76	1.70	1.72	1.71	1.80
Yrs with 24-hour institutional use / yrs since 1st use, %	25.7%	24.5%	26.8%	25.5%	25.7%	30.5%	28.2%	22.6%	21.6%	28.5%	26.0%	25.1%
SD	29.5%	30.4%	30.3%	30.6%	30.1%	31.9%	30.0%	27.3%	27.5%	30.1%	29.5%	29.9%
Years with OP use / Years since first use, %	94.2%	95.3%	94.6%	93.8%	94.0%	93.4%	93.6%	94.0%	94.8%	95.0%	92.9%	93.3%
SD	15.2%	13.8%	14.5%	16.2%	15.3%	16.2%	16.7%	15.3%	14.2%	13.8%	16.7%	16.6%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY01, %	63.2%	62.9%	61.0%	64.2%	63.6%	61.3%	63.8%	58.7%	61.3%	62.9%	63.0%	65.2%
<i>Among Patients With Psychoses in FY01</i>												
Psychosis Category: Schizophrenia, %	4.9%	5.8%	5.4%	7.5%	6.0%	8.1%	4.2%	5.1%	4.3%	4.3%	5.2%	5.6%
Psychosis Category: Bipolar Disorder, %	93.7%	93.1%	93.0%	91.4%	93.0%	89.8%	93.9%	93.1%	94.3%	94.3%	93.9%	93.0%
Psychosis Category: Other Psychosis, %	1.4%	1.1%	1.6%	1.1%	1.0%	2.1%	1.9%	1.7%	1.4%	1.4%	0.9%	1.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	39.27	34.17	43.52	39.74	44.25	38.38	41.79	41.48	37.33	38.66	41.81	44.34
SD	13.64	13.22	9.17	12.36	10.02	12.50	12.52	13.85	13.68	13.47	11.11	16.70
Mean outpatient GAF score	53.15	51.06	52.83	54.92	53.80	52.37	54.20	54.10	54.81	53.20	54.33	56.19
SD	10.80	10.49	9.10	9.98	10.15	9.78	10.29	9.25	10.19	10.96	10.89	10.36
At least 1 IP GAF, among pts with MH bedsections, %	38.6%	44.2%	63.9%	43.2%	31.2%	45.5%	25.0%	32.6%	30.5%	36.8%	43.9%	29.4%
At least 1 OP GAF, among pts with MH clinic stops, %	83.9%	86.0%	91.7%	85.4%	81.2%	71.4%	88.8%	92.4%	83.1%	82.0%	81.0%	88.8%
<u>Mortality rates</u>												
died in FY02, %	1.5%	1.7%	1.2%	1.5%	1.8%	1.1%	1.3%	1.6%	1.5%	1.8%	1.6%	1.2%
Age-and-gender-adjusted Standardized Mortality Ratio	1.08	1.00	0.87	0.83	1.26	0.86	0.99	1.18	0.84	1.42	1.34	0.95

Table 2D: FY02 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	3.84	3.96	3.83	3.83	3.73	3.88	3.80	3.97	3.81	3.74	4.00
SD	1.69	1.66	1.74	1.70	1.75	1.66	1.68	1.59	1.71	1.76	1.62
Yrs with 24-hour institutional use / yrs since 1st use, %	25.7%	31.8%	28.5%	24.7%	29.0%	25.4%	24.4%	27.1%	22.2%	21.2%	27.7%
SD	29.5%	32.1%	30.9%	27.8%	31.1%	28.8%	28.4%	29.8%	27.4%	26.6%	29.5%
Years with OP use / Years since first use, %	94.2%	93.5%	95.2%	94.3%	93.8%	95.0%	93.6%	94.5%	94.4%	92.6%	95.4%
SD	15.2%	16.4%	13.7%	14.8%	15.5%	13.9%	15.5%	14.7%	15.0%	17.3%	13.5%
Had Psychosis Diagnosis in FY01, %	63.2%	62.7%	66.8%	64.1%	64.1%	64.6%	61.6%	67.9%	64.1%	57.5%	67.6%
<i>Among Patients With Psychoses in FY01</i>											
Psychosis Category: Schizophrenia, %	4.9%	7.0%	2.5%	4.9%	4.9%	5.4%	3.7%	2.8%	4.3%	4.9%	3.7%
Psychosis Category: Bipolar Disorder, %	93.7%	91.8%	95.9%	93.6%	94.0%	93.3%	95.4%	95.5%	93.6%	93.3%	95.3%
Psychosis Category: Other Psychosis, %	1.4%	1.2%	1.6%	1.5%	1.1%	1.3%	0.9%	1.7%	2.1%	1.8%	1.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	39.27	38.22	48.74	34.54	42.10	41.58	39.58	33.51	37.26	38.10	38.15
SD	13.64	11.65	12.90	16.05	13.57	12.77	11.30	16.28	16.61	13.50	12.08
Mean outpatient GAF score	53.15	51.05	55.01	53.66	52.32	52.63	49.55	49.58	54.10	50.29	55.12
SD	10.80	12.31	10.91	10.94	10.09	11.18	10.32	10.91	10.09	13.18	10.65
At least 1 IP GAF, among pts with MH bedsections, %	38.6%	61.8%	20.7%	51.0%	47.0%	27.0%	34.7%	44.4%	20.5%		53.7%
At least 1 OP GAF, among pts with MH clinic stops, %	83.9%	86.3%	80.3%	96.8%	88.5%	85.6%	84.1%	77.5%	86.0%	63.0%	85.2%
<u>Mortality rates</u>											
died in FY 01, %	1.5%	1.6%	1.8%	1.4%	1.7%	1.3%	1.2%	1.4%	1.4%	1.4%	1.6%
Age-adjusted Standardized Mortality Ratio	1.08	1.10	1.33	1.11	1.41	0.99	1.02	1.20	1.04	1.12	1.06

Table 2D: FY02 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

		all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder		70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Service Connection (SC)</u>													
	Non-SC	56.6%	52.9%	59.3%	59.4%	58.6%	57.1%	48.8%	52.7%	54.9%	56.9%	60.5%	62.1%
	SC 0 - 29%	10.2%	8.8%	10.4%	10.3%	10.6%	9.0%	10.0%	12.2%	10.0%	10.9%	11.2%	10.6%
	SC 30 - 69%	13.6%	13.6%	12.1%	13.6%	13.1%	14.3%	17.0%	15.8%	14.8%	14.2%	14.3%	12.6%
	SC 70 - 99%	8.0%	11.0%	8.5%	6.7%	7.4%	7.2%	10.5%	8.6%	8.4%	6.6%	5.0%	5.2%
	SC 100%	11.6%	13.7%	9.7%	9.9%	10.3%	12.4%	13.7%	10.6%	12.0%	11.4%	9.0%	9.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>													
	Complex*	12.9%	14.4%	18.2%	19.0%	12.6%	16.9%	10.4%	9.2%	9.0%	10.9%	14.4%	11.2%
	Basic vested, Cat A*	79.7%	78.0%	74.1%	71.0%	80.3%	76.2%	83.8%	83.1%	83.3%	82.3%	79.3%	79.5%
	Basic Non-vested, Cat A*	0.9%	0.6%	0.9%	1.0%	0.9%	0.8%	1.0%	0.4%	0.4%	0.5%	0.5%	1.9%
	Basic, Cats C and N	6.5%	7.0%	6.8%	8.9%	6.3%	6.1%	4.9%	7.3%	7.3%	6.3%	5.9%	7.4%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded													
<u>Patient eligibility category, %</u>													
	Cat A (SC or low income)	93.3%	92.8%	93.0%	90.6%	93.5%	93.8%	94.9%	92.6%	92.6%	93.7%	94.1%	92.3%
	Cat C (NSC and higher income)	5.7%	6.2%	5.4%	8.6%	5.7%	5.2%	4.7%	7.1%	6.2%	5.2%	5.5%	7.5%
	Non-Veteran	0.9%	1.0%	1.6%	0.8%	0.8%	1.0%	0.4%	0.3%	1.2%	1.2%	0.4%	0.2%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>													
BASIC	1. Non-reliant Care	0.2%	0.2%	0.3%	0.1%	0.3%	0.4%	0.4%	0.1%	0.1%	0.1%	0.1%	0.2%
	2. Basic Medical	13.6%	10.0%	10.3%	11.7%	13.0%	11.6%	15.7%	15.1%	14.7%	16.0%	10.5%	14.2%
	3. Mental Health	41.2%	40.8%	43.0%	36.8%	42.1%	35.1%	40.9%	45.1%	40.7%	41.4%	43.1%	44.0%
	4. Heart / Lung / GI	6.5%	5.4%	5.5%	5.6%	6.9%	5.0%	7.0%	7.3%	7.9%	8.2%	6.3%	7.5%
	5. Oncology / Infectious Disease	3.9%	3.8%	3.4%	4.4%	4.9%	4.7%	4.3%	3.5%	3.9%	3.2%	3.6%	3.8%
	6. Multiple Medical	21.7%	25.4%	19.3%	22.3%	20.3%	26.3%	21.4%	19.6%	23.7%	20.3%	21.9%	19.1%
COMPLEX	7. Specialized Care	2.3%	2.4%	2.9%	3.8%	2.0%	3.2%	1.7%	1.9%	2.4%	1.6%	2.1%	1.8%
	8. Support Care	2.1%	1.6%	2.8%	2.5%	2.0%	3.1%	1.7%	1.9%	2.0%	2.2%	2.5%	0.9%
	9. Chronic Mental	7.5%	9.6%	11.5%	11.7%	7.1%	9.9%	5.8%	4.7%	3.8%	6.2%	8.2%	7.5%
	10. Critically Ill	1.0%	0.9%	1.0%	1.1%	1.5%	0.7%	1.1%	0.6%	0.8%	0.8%	1.6%	1.0%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY02 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Service Connection (SC)</u>											
Non-SC	56.6%	63.2%	61.7%	56.9%	52.2%	54.4%	51.9%	50.1%	56.8%	63.4%	55.5%
SC 0 - 29%	10.2%	9.3%	10.5%	10.1%	10.6%	10.8%	10.6%	10.4%	8.9%	9.4%	10.0%
SC 30 - 69%	13.6%	10.3%	11.3%	12.9%	15.6%	11.5%	15.8%	14.5%	13.7%	11.4%	13.5%
SC 70 - 99%	8.0%	6.0%	6.6%	8.0%	8.7%	10.8%	8.0%	11.5%	8.0%	6.1%	8.8%
SC 100%	11.6%	11.2%	9.9%	12.1%	12.8%	12.4%	13.7%	13.5%	12.6%	9.7%	12.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class. %</u>											
Complex*	12.9%	24.2%	13.8%	9.7%	15.5%	8.5%	11.1%	12.8%	10.1%	10.8%	16.7%
Basic vested, Cat A*	79.7%	68.0%	77.0%	84.1%	77.9%	84.3%	81.0%	83.1%	82.9%	80.0%	75.8%
Basic Non-vested, Cat A*	0.9%	0.6%	1.0%	0.7%	0.7%	0.4%	1.0%	0.6%	1.2%	3.4%	0.7%
Basic, Cats C and N	6.5%	7.2%	8.2%	5.5%	5.9%	6.8%	6.9%	3.5%	5.7%	5.8%	6.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded											
<u>Patient eligibility category, %</u>											
Cat A (SC or low income)	93.3%	92.4%	91.7%	94.3%	94.0%	93.2%	93.0%	96.4%	94.0%	94.0%	93.0%
Cat C (NSC and higher income)	5.7%	6.9%	6.3%	4.8%	4.3%	5.4%	6.2%	3.3%	4.7%	4.9%	6.3%
Non-Veteran	0.9%	0.7%	2.1%	0.9%	1.8%	1.4%	0.8%	0.2%	1.3%	1.1%	0.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>											
BASIC											
1. Non-reliant Care	0.2%	0.3%	0.0%	0.2%	0.2%	0.1%	0.2%	0.2%	0.3%	0.1%	0.1%
2. Basic Medical	13.6%	10.8%	15.0%	16.5%	14.8%	16.4%	14.4%	11.5%	13.3%	13.7%	13.8%
3. Mental Health	41.2%	36.2%	39.8%	41.5%	39.4%	41.3%	41.3%	40.8%	43.9%	43.7%	40.4%
4. Heart / Lung / GI	6.5%	5.0%	7.0%	7.7%	5.6%	7.6%	6.8%	5.0%	6.0%	5.4%	6.9%
5. Oncology / Infectious Disease	3.9%	2.7%	2.9%	4.5%	3.6%	4.3%	4.1%	4.4%	5.4%	4.8%	2.0%
6. Multiple Medical	21.7%	20.8%	21.6%	20.0%	21.0%	21.7%	22.1%	25.4%	20.8%	21.5%	20.1%
COMPLEX											
7. Specialized Care	2.3%	3.0%	2.3%	1.5%	1.9%	2.2%	2.4%	2.2%	2.2%	2.5%	2.7%
8. Support Care	2.1%	3.5%	2.6%	1.7%	3.9%	1.6%	1.1%	2.2%	1.0%	2.0%	2.6%
9. Chronic Mental	7.5%	15.6%	8.2%	5.7%	8.3%	4.0%	7.1%	7.8%	5.5%	5.5%	9.8%
10. Critically Ill	1.0%	2.0%	0.7%	0.8%	1.4%	0.8%	0.5%	0.7%	1.5%	0.8%	1.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2D: FY02 Patients w/ Bipolar Disorder, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Substance Dependence and Abuse</u>												
Any dx of alcohol / drug dependence or abuse, %	31.6%	37.2%	38.5%	36.1%	31.1%	37.6%	24.9%	24.9%	25.8%	26.9%	33.8%	29.9%
<u>Homelessness</u>												
Homelessness indicated in FY02, %	14.7%	16.9%	15.4%	21.2%	13.2%	19.8%	9.4%	9.5%	10.4%	9.6%	9.2%	10.0%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	79.2%	84.0%	73.6%	98.4%	83.7%	90.3%	71.8%	69.8%	89.2%	65.4%	81.8%	74.1%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	33.60	19.91	24.85	10.71	19.28	14.37	27.90	36.78	38.80	35.43	25.21	35.87
SD	73.01	23.33	25.34	10.99	17.23	17.47	23.13	28.92	33.13	30.94	20.24	31.24
Distance from closest VA Medical Center, %												
0 to 15 miles	47.1%	53.9%	43.5%	78.0%	50.2%	71.5%	37.3%	32.3%	33.4%	40.7%	42.1%	35.2%
15 to 30 miles	16.9%	23.9%	24.8%	14.4%	24.7%	16.9%	22.9%	15.4%	21.0%	11.5%	17.7%	14.4%
30 to 45 miles	10.9%	13.6%	14.7%	6.0%	15.5%	3.9%	17.7%	13.3%	9.1%	13.1%	23.2%	17.2%
45 to 60 miles	8.2%	4.9%	7.7%	1.5%	5.9%	4.0%	13.5%	16.1%	6.6%	9.2%	11.3%	14.5%
60 plus miles	16.8%	3.6%	9.4%	0.2%	3.6%	3.7%	8.6%	22.9%	29.9%	25.4%	5.6%	18.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.19	7.75	7.89	4.23	8.41	7.70	16.84	16.75	8.57	15.07	9.07	13.64
SD	13.97	7.92	7.43	4.11	7.40	6.88	14.02	14.93	8.54	13.18	8.12	11.96
Distance to closest VA Service Site, %												
0 to 15 miles	76.1%	87.6%	82.3%	96.8%	83.0%	84.4%	54.3%	56.0%	85.2%	61.4%	81.7%	64.7%
15 to 30 miles	15.1%	10.4%	16.6%	3.2%	15.2%	14.7%	29.7%	24.4%	11.7%	23.0%	15.1%	22.9%
30 to 45 miles	6.0%	1.5%	1.1%	0.0%	1.8%	0.8%	11.1%	13.7%	2.1%	13.1%	3.1%	10.4%
45 plus miles	2.8%	0.5%	0.0%	0.0%	0.0%	0.0%	4.9%	6.0%	1.1%	2.4%	0.1%	2.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY02 Patients w/ Other Psychoses, Patient Characteristics, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Registry Pts. History of VA Utilization</u>												
Years since first use in prior five years, mean	3.57	3.82	3.65	3.68	3.33	3.59	3.50	3.62	346.1%	3.71	3.20	3.43
SD	1.85	1.76	1.84	1.79	1.93	1.86	1.87	1.82	187.4%	1.78	1.97	1.92
Yrs with 24-hour institutional use / yrs since 1st use, %	23.0%	20.8%	23.4%	19.6%	23.2%	26.7%	23.5%	23.1%	19.5%	24.5%	24.1%	24.4%
SD	27.8%	26.6%	28.5%	26.5%	29.1%	29.4%	28.0%	28.0%	26.1%	28.2%	29.3%	28.9%
Years with OP use / Years since first use, %	94.1%	96.1%	94.8%	93.3%	92.8%	92.5%	94.6%	93.6%	0.95	94.6%	93.5%	93.5%
SD	15.7%	12.6%	16.1%	16.7%	17.7%	18.0%	15.2%	16.3%	0.14	15.0%	16.0%	17.0%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>												
Had Psychosis Diagnosis in FY01, %	33.4%	37.3%	25.1%	37.8%	30.1%	34.1%	32.0%	31.5%	36.6%	30.0%	27.7%	31.7%
<i>Among Patients With Psychoses in FY01</i>												
Psychosis Category: Schizophrenia, %	13.5%	14.2%	14.5%	14.8%	19.1%	22.0%	12.8%	18.2%	13.1%	12.1%	13.1%	15.5%
Psychosis Category: Bipolar Disorder, %	4.9%	6.6%	8.0%	3.5%	3.8%	5.3%	3.7%	6.6%	4.3%	5.9%	3.9%	2.7%
Psychosis Category: Other Psychosis, %	81.6%	79.2%	77.5%	81.7%	77.0%	72.7%	83.5%	75.2%	82.6%	82.0%	83.0%	81.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>												
Lowest inpatient GAF score, mean	36.76	29.28	40.52	36.93	41.85	35.71	38.21	36.26	35.67	35.48	39.31	40.85
SD	13.88	12.59	9.35	13.07	9.53	11.87	11.38	13.51	13.18	13.89	10.45	13.19
Mean outpatient GAF score	48.26	46.17	48.65	50.63	48.48	47.78	48.31	49.63	49.36	47.87	48.41	51.03
SD	11.56	12.07	10.63	10.88	10.91	10.91	11.53	9.83	11.44	12.14	12.28	11.52
At least 1 IP GAF, among pts with MH bedsections, %	37.9%	45.7%	65.9%	39.5%	27.6%	55.6%	32.0%	35.5%	28.4%	34.6%	41.2%	23.7%
At least 1 OP GAF, among pts with MH clinic stops, %	79.3%	81.8%	82.6%	79.0%	79.3%	74.4%	78.9%	88.0%	73.1%	83.4%	71.4%	83.1%
<u>Mortality rates</u>												
died in FY02, %	6.2%	5.4%	6.9%	4.4%	7.3%	6.1%	7.4%	6.2%	5.6%	8.7%	5.5%	6.7%

Age-and-gender-adjusted Standardized Mortality Ratio	1.33	1.14	1.30	0.83	1.43	1.29	1.53	1.48	1.07	1.80	1.10	1.62
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Table 2E: FY02 Patients w/ Other Psychoses, Patient Characteristics, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Registry Pts. History of VA Utilization</u>											
Years since first use in prior ten years, mean	3.57	3.77	3.56	3.57	3.53	3.63	366.0%	3.76	3.67	3.36	3.67
SD	1.85	1.77	1.88	1.86	1.88	1.85	175.8%	1.70	1.81	1.98	1.80
Yrs with 24-hour institutional use / yrs since 1st use, %	23.0%	27.7%	23.8%	20.9%	23.8%	26.0%	23.7%	25.1%	21.6%	19.8%	26.7%
SD	27.8%	29.8%	27.7%	25.7%	29.0%	28.0%	27.8%	29.1%	27.2%	25.4%	28.6%
Years with OP use / Years since first use, %	94.1%	94.3%	95.1%	93.7%	93.2%	95.5%	0.94	94.7%	93.0%	92.9%	94.7%
SD	15.7%	15.7%	14.2%	16.2%	17.5%	12.9%	0.16	14.4%	16.9%	16.5%	14.8%
<u>Psychosis Diagnoses in Prior Fiscal Year</u>											
Had Psychosis Diagnosis in FY01, %	33.4%	32.0%	33.2%	35.5%	33.9%	29.2%	34.7%	35.1%	37.2%	36.2%	29.6%
<i>Among Patients With Psychoses in FY01</i>											
Psychosis Category: Schizophrenia, %	13.5%	12.2%	7.3%	10.2%	10.8%	11.1%	11.4%	10.5%	20.2%	16.8%	14.4%
Psychosis Category: Bipolar Disorder, %	4.9%	8.0%	3.9%	3.4%	4.2%	6.1%	6.3%	6.3%	5.1%	5.3%	4.8%
Psychosis Category: Other Psychosis, %	81.6%	79.8%	88.8%	86.4%	85.0%	82.8%	82.3%	83.2%	74.7%	77.9%	80.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>GAF scores</u>											
Lowest inpatient GAF score, mean	36.76	37.33	43.17	34.34	39.79	42.45	36.41	29.72	38.00	33.59	37.27
SD	13.88	12.55	16.56	15.87	13.16	13.84	10.22	14.65	15.44	14.07	13.99
Mean outpatient GAF score	48.26	47.76	49.53	48.91	45.96	48.40	43.35	44.75	49.14	45.90	50.33
SD	11.56	11.75	11.77	11.48	11.76	12.47	10.09	10.22	10.44	12.17	12.18
At least 1 IP GAF, among pts with MH bedsections, %	37.9%	57.4%	16.2%	50.5%	42.9%	33.6%	33.3%	43.1%	26.0%	26.8%	44.6%
At least 1 OP GAF, among pts with MH clinic stops, %	79.3%	79.5%	78.4%	94.6%	83.5%	75.7%	81.1%	65.6%	83.0%	64.8%	73.0%
<u>Mortality rates</u>											
died in FY 01, %	6.2%	5.0%	7.9%	5.1%	7.2%	9.7%	5.8%	5.5%	3.3%	4.2%	6.8%

Age-adjusted Standardized Mortality Ratio	1.33	1.13	1.59	1.16	1.43	1.93	1.23	1.55	0.93	0.91	1.48
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Table 2E: FY02 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Service Connection (SC)</u>												
Non-SC	62.2%	56.0%	65.1%	64.2%	67.0%	65.7%	60.1%	60.4%	59.0%	60.7%	69.3%	70.1%
SC 0 - 29%	10.6%	11.6%	10.3%	12.6%	10.3%	10.3%	9.9%	10.6%	11.3%	9.7%	9.9%	10.9%
SC 30 - 69%	11.3%	11.4%	9.8%	9.3%	10.2%	9.6%	13.4%	12.9%	11.4%	11.8%	12.2%	9.1%
SC 70 - 99%	6.1%	8.5%	7.7%	6.1%	5.4%	4.6%	7.1%	5.6%	6.2%	6.6%	3.4%	4.3%
SC 100%	9.8%	12.5%	7.2%	7.8%	7.1%	9.8%	9.5%	10.5%	12.0%	11.2%	5.1%	5.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>												
Complex*	16.4%	17.9%	26.5%	15.8%	15.0%	21.3%	14.8%	16.4%	14.6%	15.6%	18.4%	16.8%
Basic vested, Cat A*	75.0%	73.1%	65.2%	73.4%	74.1%	70.8%	77.6%	76.4%	75.6%	77.5%	70.8%	73.2%
Basic Non-vested, Cat A*	0.8%	0.9%	0.8%	0.5%	0.8%	1.5%	1.0%	0.9%	0.7%	0.8%	0.9%	1.8%
Basic, Cats C and N	7.8%	8.1%	7.5%	10.3%	10.1%	6.5%	6.6%	6.2%	9.0%	6.1%	9.9%	8.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded												
<u>Patient eligibility category, %</u>												
Cat A (SC or low income)	91.6%	91.5%	90.7%	88.5%	89.1%	92.3%	93.1%	93.2%	90.5%	93.2%	89.7%	90.8%
Cat C (NSC and higher income)	7.9%	7.7%	8.5%	10.7%	10.4%	7.5%	6.6%	6.6%	8.8%	5.9%	9.9%	8.4%
Non-Veteran	0.6%	0.8%	0.8%	0.8%	0.5%	0.2%	0.2%	0.1%	0.7%	0.9%	0.4%	0.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>												
BASIC												
1. Non-reliant Care	0.2%	0.1%	0.0%	0.2%	0.3%	0.1%	0.2%	0.1%	0.1%	0.4%	0.2%	0.3%
2. Basic Medical	22.4%	21.1%	17.8%	23.4%	22.2%	22.6%	24.5%	23.6%	24.2%	24.4%	18.5%	21.3%
3. Mental Health	27.2%	31.1%	26.3%	25.7%	27.5%	20.7%	27.6%	27.0%	26.5%	23.5%	32.2%	30.5%
4. Heart / Lung / GI	11.1%	8.4%	8.5%	10.4%	13.5%	10.7%	13.4%	10.1%	12.3%	14.1%	11.3%	9.4%
5. Oncology / Infectious Disease	3.7%	3.0%	1.9%	5.4%	4.4%	2.8%	3.3%	4.1%	3.7%	2.8%	2.9%	3.7%
6. Multiple Medical	19.0%	18.4%	18.9%	19.1%	17.1%	21.9%	16.2%	18.8%	18.6%	19.2%	16.5%	18.0%
COMPLEX												
7. Specialized Care	4.9%	5.9%	11.4%	6.2%	4.1%	6.0%	4.0%	5.6%	5.4%	3.9%	6.1%	5.2%
8. Support Care	5.4%	4.7%	6.3%	3.4%	3.5%	7.5%	4.2%	5.5%	5.6%	6.6%	5.5%	5.1%
9. Chronic Mental	2.8%	4.7%	3.4%	2.6%	2.0%	4.4%	2.3%	2.5%	1.0%	1.5%	2.8%	2.1%
10. Critically Ill	3.2%	2.6%	5.4%	3.5%	5.4%	3.4%	4.3%	2.9%	2.6%	3.5%	4.1%	4.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2E: FY02 Patients w/ Other Psychoses, Patient Characteristics, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Service Connection (SC)</u>											
Non-SC	62.2%	67.8%	70.5%	60.1%	58.5%	59.4%	60.0%	55.9%	60.9%	64.7%	63.8%
SC 0 - 29%	10.6%	11.0%	9.0%	10.7%	10.8%	10.7%	10.6%	10.3%	9.9%	11.5%	9.5%
SC 30 - 69%	11.3%	9.1%	9.5%	12.0%	12.8%	12.0%	9.4%	12.3%	12.9%	10.6%	10.4%
SC 70 - 99%	6.1%	4.6%	3.9%	6.6%	8.1%	7.0%	7.0%	8.3%	6.1%	4.6%	6.3%
SC 100%	9.8%	7.5%	7.2%	10.6%	9.7%	10.9%	13.0%	13.2%	10.2%	8.5%	10.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA Patient Class, %</u>											
Complex*	16.4%	20.8%	13.4%	11.2%	19.5%	18.6%	17.9%	15.5%	18.7%	13.5%	20.4%
Basic vested, Cat A*	75.0%	69.0%	74.8%	80.9%	73.9%	73.4%	72.5%	79.7%	76.6%	77.0%	67.4%
Basic Non-vested, Cat A*	0.8%	0.7%	0.5%	0.8%	0.9%	0.4%	0.9%	0.9%	1.1%	0.9%	0.5%
Basic, Cats C and N	7.8%	9.4%	11.3%	7.1%	5.7%	7.7%	8.7%	3.8%	3.7%	8.6%	11.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
* Funded											
<u>Patient eligibility category, %</u>											
Cat A (SC or low income)	91.6%	90.0%	88.1%	92.6%	93.7%	91.7%	90.5%	95.8%	96.0%	91.0%	87.6%
Cat C (NSC and higher income)	7.9%	9.4%	11.0%	6.9%	5.8%	7.4%	9.4%	4.1%	3.6%	8.3%	12.3%
Non-Veteran	0.6%	0.6%	0.9%	0.6%	0.4%	1.0%	0.1%	0.1%	0.4%	0.7%	0.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>VERA 10 Price Groups, %</u>											
BASIC											
1. Non-reliant Care	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	1.5%	0.1%	0.0%
2. Basic Medical	22.4%	20.2%	26.7%	23.6%	21.9%	20.9%	24.5%	18.1%	17.2%	23.9%	20.3%
3. Mental Health	27.2%	25.2%	26.6%	31.0%	26.5%	21.9%	25.6%	28.8%	30.2%	28.2%	25.3%
4. Heart / Lung / GI	11.1%	9.9%	12.9%	11.9%	10.7%	12.3%	9.9%	8.8%	8.1%	9.8%	11.4%
5. Oncology / Infectious Disease	3.7%	3.4%	3.3%	3.6%	3.0%	4.3%	2.9%	4.3%	4.9%	4.1%	3.8%
6. Multiple Medical	19.0%	20.2%	16.9%	18.5%	18.2%	21.9%	19.1%	24.4%	19.5%	20.5%	18.9%
COMPLEX											
7. Specialized Care	4.9%	5.4%	2.7%	3.0%	4.2%	5.7%	4.6%	4.8%	7.5%	3.5%	5.3%
8. Support Care	5.4%	7.6%	5.5%	4.2%	6.5%	7.7%	6.4%	5.5%	4.3%	4.6%	5.5%
9. Chronic Mental	2.8%	5.2%	1.6%	2.2%	4.9%	2.0%	4.1%	3.5%	3.5%	3.2%	4.2%
10. Critically Ill	3.2%	2.6%	3.7%	1.9%	3.9%	3.2%	2.8%	1.8%	3.3%	2.2%	5.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 3E: FY02 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Substance Dependence and Abuse</u>												
Any dx of alcohol / drug dependence or abuse, %	18.7%	19.8%	17.1%	15.7%	18.8%	21.9%	15.4%	18.4%	13.0%	13.9%	19.9%	18.9%
<u>Homelessness</u>												
Homelessness indicated in FY02, %	8.3%	7.8%	6.5%	9.5%	7.0%	10.4%	5.7%	6.8%	4.8%	3.5%	9.2%	10.0%
<u>Residence in Metropolitan Area</u>												
Residing in a Metropolitan Statistical Area, %	76.4%	73.7%	80.2%	99.1%	83.2%	87.9%	69.1%	72.0%	85.9%	62.6%	83.2%	73.4%
<u>Distance</u>												
Mile from Closest VA Medical Center, mean	34.61	22.38	21.32	9.21	17.38	16.09	29.32	32.74	37.72	35.31	24.12	32.10
SD	73.86	22.95	21.56	10.42	16.31	20.76	22.99	26.92	32.31	30.93	20.20	31.34
Distance from closest VA Medical Center, %												
0 to 15 miles	47.1%	47.8%	49.4%	84.1%	56.9%	71.5%	32.8%	37.9%	35.3%	39.5%	44.8%	44.3%
15 to 30 miles	15.3%	22.9%	22.8%	9.5%	21.0%	13.2%	24.8%	13.7%	18.3%	13.3%	17.0%	12.0%
30 to 45 miles	11.0%	17.2%	15.9%	4.8%	14.8%	4.8%	18.0%	14.4%	9.9%	13.2%	22.1%	14.1%
45 to 60 miles	8.7%	6.9%	6.6%	1.4%	5.4%	4.2%	15.8%	17.2%	9.4%	8.3%	10.8%	11.9%
60 plus miles	17.9%	5.2%	5.1%	0.2%	1.9%	6.4%	8.6%	16.7%	27.1%	25.6%	5.3%	17.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.76	8.83	7.84	3.51	7.78	7.14	17.43	15.64	9.17	16.23	8.16	13.36
SD	13.98	8.87	6.89	3.46	6.90	7.22	13.72	14.27	8.97	13.53	7.60	12.20
Distance to closest VA Service Site, %												
0 to 15 miles	73.7%	81.8%	82.9%	98.2%	85.5%	86.1%	50.8%	60.2%	82.3%	56.2%	84.3%	65.4%
15 to 30 miles	16.3%	15.5%	16.7%	1.8%	13.2%	12.7%	33.1%	22.0%	13.9%	26.4%	13.7%	21.1%
30 to 45 miles	6.8%	2.2%	0.4%	0.0%	1.2%	1.0%	11.5%	13.1%	2.7%	14.1%	2.0%	11.7%
45 plus miles	3.1%	0.5%	0.0%	0.0%	0.0%	0.1%	4.6%	4.7%	1.1%	3.2%	0.0%	1.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 3E: FY02 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Substance Dependence and Abuse</u>											
Any dx of alcohol / drug dependence or abuse, %	18.7%	25.2%	15.8%	17.2%	15.3%	20.6%	17.9%	27.5%	32.1%	19.0%	23.6%
<u>Homelessness</u>											
Homelessness indicated in FY02, %	8.3%	9.7%	5.6%	5.5%	8.1%	11.0%	8.4%	16.4%	16.7%	13.0%	8.7%
<u>Residence in Metropolitan Area</u>											
Residing in a Metropolitan Statistical Area, %	76.4%	79.8%	60.8%	68.4%	77.6%	75.2%	66.1%	74.0%	88.4%	99.0%	53.5%
<u>Distance</u>											
Mile from Closest VA Medical Center, mean	34.61	25.21	30.33	40.42	40.14	43.19	55.52	100.63	28.66	21.41	44.68
SD	73.86	27.09	44.92	34.62	49.28	63.69	72.28	310.66	41.33	25.41	47.85
Distance from closest VA Medical Center, %											
0 to 15 miles	47.1%	55.2%	49.2%	36.7%	41.6%	58.6%	43.3%	49.7%	56.1%	59.6%	40.7%
15 to 30 miles	15.3%	13.7%	13.8%	10.5%	15.2%	10.8%	5.9%	12.5%	15.5%	24.2%	10.1%
30 to 45 miles	11.0%	8.2%	9.3%	11.5%	13.5%	2.7%	7.6%	6.9%	10.8%	4.7%	8.0%
45 to 60 miles	8.7%	10.8%	10.4%	11.0%	7.4%	3.4%	5.1%	7.8%	6.7%	3.4%	10.4%
60 plus miles	17.9%	12.0%	17.4%	30.3%	22.5%	24.5%	38.1%	23.1%	10.9%	8.2%	30.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Miles from Closest VA Service Site, mean	11.76	9.07	12.33	17.47	10.74	10.24	13.54	14.87	8.24	6.22	18.69
SD	13.98	9.71	12.69	15.55	11.06	13.26	18.00	31.89	9.97	6.69	19.78
Distance to closest VA Service Site, %											
0 to 15 miles	73.7%	81.4%	69.3%	55.8%	72.7%	83.6%	74.5%	73.9%	85.6%	94.0%	58.3%
15 to 30 miles	16.3%	12.7%	19.3%	22.0%	19.8%	8.5%	10.8%	13.7%	10.9%	4.6%	16.0%
30 to 45 miles	6.8%	5.6%	9.4%	14.5%	6.0%	3.3%	6.7%	4.9%	2.3%	1.1%	14.8%
45 plus miles	3.1%	0.3%	2.0%	7.7%	1.4%	4.6%	7.9%	7.5%	1.2%	0.3%	11.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chapter 3

Utilization

Background

The VA, like other health care systems, continues to move towards an outpatient-based model of service delivery. In response to the move away from inpatient care, the Veterans Eligibility Reform Act of 1996 (Public Law 104-262) was passed, requiring the Under Secretary for Health, Department of Veterans Affairs, to receive annual reports on the VHA's capacity to effectively meet the treatment and rehabilitation needs of severely chronically mentally ill veterans. The First Annual Report submitted by the Committee on Care of Severely Chronically Mentally Ill Veterans Affairs "stresses the need to ensure that adequate community based programs are made available for the severely chronically mentally ill veteran" (Committee on Care of Severely Chronically Mentally Ill Veterans, 1997).

Research suggests that cost-efficient care for patients with long-term disability requires an optimal mix of acute care, extended care, residential services, and outpatient clinical services (Rothbard, Kuno, Schinnar, Hadley, & Turk, 1999). The VA has sought to integrate service provision. The goal of coordinated care is that interventions are provided "when they will have their greatest effectiveness and in a way that promotes efficiency" (Kizer, 1996). To inform the VA on the current ability of the system to provide this array of services, we report specific utilization data for a wide range of 24 hour institutional services (hospital based medical and psychiatric care, residential rehabilitation, domiciliary and nursing home care), as well as a variety of outpatient care settings (general psychiatry, psychiatric case management and day treatment, substance abuse and PTSD and psychiatric vocational rehabilitation).

Although the ECA reveals that 1/3 of all mental visits are made by patients without a DIS psychiatric diagnosis, individuals with SMI use considerably more services than the general population. 18% had a mental health encounter within a 6-month period, half of these visits to a specialist. In general, women utilize more mental services, as do younger patients (Shapiro et al., 1984). A more recent study (Dickerson et al., 2003) found that all patients with mental health conditions are also more to see a medical doctor than the general population (OR=2). Echoing the ECA and other research, Husaini and colleagues confirm that a variety of factors affect utilizations patterns among SMI patients (e.g. race, gender, age, etc.), and substantial variation is expected across multiple treatment domains (Husaini et al., 2002).

McFarland documented how SMI patients within large, integrated healthcare systems (such as HMOs) tend to maintain contact with their providers and receive appropriate care to the same extent as other patients (McFarland et al., 1996). In addition, previously noted ethnic differences in mental health utilization rates (including specialty visits) are steadily decreasing, along with improving positive attitudes toward psychiatric care among minority clients (Cooper-Patrick et al., 1999).

Reflecting increased concerns regarding medical care for VA patients with psychosis, this report now includes two measures regarding primary care utilization. These are: 1) the percentage of patients with psychoses who had at least one primary care stop during the fiscal year, and 2) the mean number of outpatient visit days that included a primary care stop, among patients who had some primary care. Since many preventive screenings are recommended annually for older

people, with a populations whose average is 54 one would strive for close to a 100% incidence of an annual primary care stop. The CDC's "Summary Health Statistics for U.S. Adults: National Health Interview Survey, 1997" found that 81% of adults see a doctor or other health care professional (although the type of care sought is not specified) in a year (Centers for Disease Control, 2002). This percentage jumps to 91% for people over 65. We would expect the NPR percentages to be in the same range or higher since they, unlike the CDC population, have already sought health care.

Changes in service use rates following impact of the *Millennium Bill* should be interesting from a policy and planning perspective. In particular, long-term care (LTC) and outpatient medication utilization are directly associated with the new bill.

All utilization data were obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas.

Inpatient

Key findings:

- Overall hospital use:
 - Total IP days dropped significantly again, down 11.2% to a mean of 23.71; this is a 32.3% decrease over 4 years.
 - Long admissions of 100+ days continued to drop rather sharply, with only 2.6% of patients requiring such extended hospital visits last year (down from 4.8% in FY99)
- Medical:
 - Percent of patients admitted continues to rise, up to 14.3% from 8.9% in FY99.
- Psychiatric:
 - Total IP days decreased another 13.3% last year to 16.43, a total substantial drop of 38.6% since FY99.
 - 17.5% of NPR patients had some inpatient psychiatric care, and for those with an inpatient stay, there were an average of 1.04 admissions and an average stay of 16.43 days.
 - Percentage of SCH with stays of 100+ and 150+ days was almost four times higher than that for BP.
- Other institutional:
 - Despite a small decrease last year in percentage of NPR patients with this type of care (8.4%), this number is still well above FY99 total of 6.4%.
- Residential rehabilitation:
 - 1.7% of NPR patients had some residential rehabilitation
 - SCH spent more time in residential rehabilitation (46.2 vs. 36.7 days) and 100+ day stays were two times higher.
 - 100+ days up again to 6.2%, a large increase from 2.7% in FY99.
- Domiciliary:
 - 3% of NPR patients had some domiciliary care
 - SCH had more total days in domiciliaries (105.6 vs. 84.2 days).
 - Total days down approximately 10% since FY99.
- Nursing home:
 - 4.2% of NPR patients had some nursing home care

- Veterans with Other Psychoses had much higher use because of the higher age in this group
- SCH had twice as much use as BP.
- Despite less use, SCH total days much higher than Other Psychoses (153.6 vs. 66.1), and than BP (103.1).
- Nearly half (48%) of SCH have stays of 100+ days.

Outpatient

- Overall stops:
 - Almost all patients had at least one OP stop (99.1%).
 - The decline over time of total stops slowed last year (39.09 average), although this variable has still dropped 29.6% since FY99.
 - SCH had more overall stops (42.6) than BP (38.3) or Other Psychoses (32.0)
 - Average total *stops* demonstrated high variability across VISNs: from 28.10 to 57.76 with notable ranges observed for *psychiatric* (8.89-33.30), *case management* (0.21-4.16), *day treatment* (0.28-8.86), and *vocational training* (0.22-4.74).
- Psychiatric stops:
 - Patients had an average of 18.93 psychiatric stops.
 - Steady decline in psychiatric stop continues with 22.4% drop since FY99.
 - SCH had more psychiatric stops than BP (19.3).
- Primary care:
 - Over 75% of the patients received at least one primary care visit.
 - Other Psychoses had the most overall use of primary care(82.3%), then BP (77%) and SCH the lowest (71%)
 - Patients having at least one *primary care* visit during FY02 ranged across VISNs from 67.3% to 82.8%
- Other care:
 - Consistent with Dual Dx rates, BP had more Sub Abuse stops than SCH (4.6 vs. 3.0).
 - There was very little case management, an average of only 1.44, although for those who received some, the average number of visits was higher for SCH than for BP (2.6 vs 0.6).
 - Decrease in day treatment, substance abuse and vocational stops continues.

Tables

For each group (Global, All Diagnoses by VISN, Schizophrenic by VISN, Bipolar by VISN and Other Diagnoses by VISN) the utilization tables are organized as follows. For exact stop codes and bed sections, see Appendix C.

1. Hospital based utilization, (based on the patient's bed section at discharge)
 - a. psych and non-psych- reported for those with some hospital based utilization

- i. non-psych- reported for those with some hospital based utilization
 - ii. psych- reported for those with some hospital based utilization
 - 2. Other 24 hour institutional care (based on the patient's bed section at discharge)
 - a. res rehab- reported for those with some res rehab
 - b. dom and voc- reported for those with some dom or voc
 - c. nursing home- reported for those with some nursing home
 - 3. Outpatient care- all variables reported for those with some outpatient care
 - a. annual clinic stops
 - b. non-psych clinic stops
 - c. psych clinic stops
 - i. general psych clinic stops
 - ii. psych case management clinic stops
 - iii. psych day treatment clinic stops
 - iv. substance abuse clinic stops
 - v. psych vocational clinic stops
 - vi. PTSD clinic stops
 - vii. psych homeless clinic stops

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Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
<u>Hospital Based Utilization</u>				
Pts. with some Hospital Based Utilization, %	28.7%	27.8%	27.1%	34.0%
<u>Hospital based utilization: Overall</u>				
(psych & non-psych- for those with some hosp.util.)				
Inpatient stays, mean	1.85	1.88	1.83	1.83
<i>SD</i>	<i>1.47</i>	<i>1.50</i>	<i>1.47</i>	<i>1.41</i>
Average LOS, mean	14.14	18.46	10.93	10.13
<i>SD</i>	<i>32.80</i>	<i>43.40</i>	<i>21.35</i>	<i>16.95</i>
Cumu. DOS, mean	23.71	30.12	19.07	17.58
<i>SD</i>	<i>43.32</i>	<i>54.72</i>	<i>32.17</i>	<i>26.52</i>
Cumu. DOS, %				
1 to 7	38.1%	33.6%	42.5%	40.9%
8 to 14	22.0%	20.9%	22.3%	23.5%
15 to 44	27.9%	29.4%	26.1%	27.7%
45 to 89	7.5%	9.5%	5.9%	6.0%
90 to 179	2.8%	3.8%	2.3%	1.5%
180 to 359	1.1%	1.6%	0.7%	0.5%
360+	0.6%	1.2%	0.1%	0.1%
Total	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	2.6%	4.1%	1.8%	1.0%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	231.73	249.27	192.53	192.53
<i>SD</i>	<i>93.22</i>	<i>93.22</i>	<i>95.40</i>	<i>76.09</i>
Hosp. pts. with a 150+ day hosp. stay, %	1.7%	2.8%	0.9%	0.5%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	280.54	293.24	241.87	238.54
<i>SD</i>	<i>78.80</i>	<i>77.34</i>	<i>71.70</i>	<i>65.30</i>
Cumu. DOS at Other VISNs	0.64	0.70	0.74	0.39
<i>SD</i>	<i>4.42</i>	<i>5.06</i>	<i>4.26</i>	<i>3.04</i>
Cumu. DOS at Other Stations	1.93	2.13	2.11	1.26
<i>SD</i>	<i>7.67</i>	<i>8.45</i>	<i>7.68</i>	<i>5.76</i>

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 205620	Schizophrenia 95875	Bipolar 70345	Other 39400
<u>Hospital based utilization: Non-Psych</u> (non-psych- for those with some hosp.based util.)				
Pts. with non-psych hospital stays, %	14.3%	12.0%	12.3%	23.5%
Inpatient stays, mean	0.82	0.69	0.70	1.23
SD	1.18	1.11	1.08	1.36
Average LOS, mean	9.29	9.90	9.29	8.54
SD	19.98	21.59	23.13	13.72
Cumu. Days of Stay, mean	7.29	6.74	6.08	10.10
SD	20.71	21.52	20.32	19.31
Cumu. Days of Stay, %				
0	50.4%	56.9%	54.8%	31.0%
1 to 7	27.4%	23.9%	28.2%	33.3%
8 to 14	9.3%	7.8%	7.5%	15.0%
15 to 44	9.7%	8.3%	6.8%	16.8%
45 to 89	2.1%	2.0%	1.5%	3.1%
90 to 179	0.8%	0.8%	0.9%	0.7%
180 to 359	0.2%	0.3%	0.2%	0.2%
360+	0.0%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.7%	0.7%	0.9%	0.4%
Non-psy DOS, pts w/ 100+ day non-psy hosp stay, mean	182.22	195.92	168.85	180.13
SD	74.85	80.06	68.93	68.90
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.3%	0.4%	0.4%	0.2%
Non-psy DOS, pts w/ 150+ day non-psy hosp stay, mean	238.85	243.57	231.74	239.22
SD	69.35	72.21	69.23	58.40
Other VISN cumu. DOS, mean	0.16	0.14	0.17	0.18
SD	2.08	2.26	1.83	2.06
Other station cumu. DOS, mean	0.55	0.55	0.54	0.55
SD	3.76	4.07	3.48	3.50

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 205620	Schizophrenia 95875	Bipolar 70345	Other 39400
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)				
Pts. with psych hospital stays, %	17.5%	18.6%	18.4%	13.3%
Inpatient stays, mean	1.04	1.18	1.13	0.61
SD	1.35	1.42	1.35	1.08
Average LOS, mean	17.79	23.32	12.08	13.01
SD	39.36	51.07	21.00	21.60
Cumu. Days of Stay, mean	16.43	23.39	12.99	7.49
SD	39.98	52.25	26.46	20.89
Cumu. Days of Stay, %				
0	39.0%	32.9%	32.3%	60.8%
1 to 7	19.2%	17.4%	25.1%	14.4%
8 to 14	14.7%	15.2%	17.1%	10.3%
15 to 44	18.8%	22.0%	19.8%	11.1%
45 to 89	5.1%	7.3%	4.0%	2.5%
90 to 179	1.9%	2.8%	1.3%	0.7%
180 to 359	0.8%	1.3%	0.4%	0.3%
360+	0.5%	1.1%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	2.0%	3.4%	0.9%	0.6%
Psych DOS, pts w/ 100+ day psych hosp stay, mean	243.69	255.38	204.72	195.13
SD	94.79	96.12	78.03	73.04
Hosp. Pts. with a 150+ day psych hosp.stay, %	1.3%	2.4%	0.5%	0.3%
Psych DOS, pts w/ 150+ day psych hosp stay, mean	287.89	298.15	243.90	235.70
SD	78.82	76.40	74.60	69.26
Other VISN cumu. DOS, mean	0.48	0.56	0.57	0.21
SD	3.80	4.45	3.69	2.19
Other station cumu. DOS, mean	1.38	1.58	1.57	0.71
SD	6.60	7.38	6.65	4.53

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 205620	Schizophrenia 95875	Bipolar 70345	Other 39400
Other 24 hour institutional care				
Pts. with some other 24 hour institutional care, %	8.4%	7.7%	8.1%	10.5%
<u>Residential Rehabilitation</u> (reported for those with some res rehab care)				
Pts. with some residential rehab. care, %	1.7%	1.4%	2.5%	0.9%
Number stays, mean	1.11	1.11	1.11	1.13
<i>SD</i>	0.36	0.34	0.35	0.43
Average LOS, mean	36.89	42.65	33.89	30.69
<i>SD</i>	46.34	61.05	34.90	27.50
Cumu. DOS, mean	40.01	46.16	36.74	33.68
<i>SD</i>	48.61	63.21	37.38	30.47
Cumu. Days of Stay, %				
1 to 7	13.4%	14.5%	13.1%	11.5%
8 to 14	12.6%	12.1%	13.1%	12.3%
15 to 44	48.4%	45.2%	49.5%	54.5%
45 to 89	15.6%	15.2%	15.9%	15.0%
90 to 179	7.8%	8.9%	7.3%	6.4%
180 to 359	1.4%	2.2%	1.1%	0.3%
360+	0.8%	1.9%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	6.2%	8.9%	4.9%	2.7%
Cumul. DOS, pts. with a 100+ day R.R. stay, mean	184.29	208.85	154.84	150.20
<i>SD</i>	85.52	98.40	54.00	49.99
Res Rehab pts. with 150+ day Res Rehab stay, %	3.1%	5.3%	2.0%	0.5%
Cumul. DOS, pts. with a 150+ day R.R. stay, mean	243.29	265.22	200.97	227.50
<i>SD</i>	84.45	89.20	55.95	70.00
Other VISN cumu. DOS, mean	1.02	0.70	1.21	1.24
<i>SD</i>	6.49	4.80	7.27	7.68
Other station cumu. DOS, mean	3.63	2.78	4.12	4.29
<i>SD</i>	11.34	10.14	12.07	11.63

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 205620	Schizophrenia 95875	Bipolar 70345	Other 39400
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)				
Pts. with some dom/voc care, %	3.0%	2.4%	4.4%	2.0%
Number stays, mean	1.13	1.11	1.15	1.12
<i>SD</i>	<i>0.38</i>	<i>0.34</i>	<i>0.41</i>	<i>0.35</i>
Average LOS, mean	84.74	99.50	75.99	76.44
<i>SD</i>	<i>94.23</i>	<i>112.78</i>	<i>79.41</i>	<i>83.10</i>
Cumu. DOS, mean	91.89	105.58	84.22	82.41
<i>SD</i>	<i>97.05</i>	<i>114.35</i>	<i>83.97</i>	<i>85.46</i>
Cumu. Days of Stay, %				
1 to 7	7.6%	7.7%	7.8%	6.7%
8 to 14	6.6%	7.2%	6.2%	6.3%
15 to 44	30.2%	28.5%	30.9%	32.7%
45 to 89	19.7%	19.4%	19.4%	21.7%
90 to 179	20.7%	17.0%	23.4%	21.1%
180 to 359	9.3%	9.3%	9.7%	7.8%
360+	5.8%	10.9%	2.6%	3.7%
Total	100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %	30.6%	32.9%	29.5%	27.9%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean	209.91	241.68	188.19	191.55
<i>SD</i>	<i>93.44</i>	<i>101.75</i>	<i>79.34</i>	<i>87.37</i>
Dom. pts. with 150+ day Dom. stay, %	18.4%	23.0%	16.0%	14.2%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean	264.12	290.90	238.20	253.70
<i>SD</i>	<i>81.95</i>	<i>81.12</i>	<i>74.09</i>	<i>80.29</i>
Other VISN cumu. DOS, mean	1.59	1.41	1.72	1.63
<i>SD</i>	<i>8.33</i>	<i>7.88</i>	<i>8.47</i>	<i>9.00</i>
Other station cumu. DOS, mean	3.82	3.61	3.94	3.95
<i>SD</i>	<i>13.34</i>	<i>13.59</i>	<i>13.11</i>	<i>13.48</i>

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

Entire Population	All 205620	Schizophrenia 95875	Bipolar 70345	Other 39400
<u>Nursing Home Care</u>				
(reported for those with some nursing home care)				
Pts. with some nursing home care, %	4.2%	4.3%	2.0%	7.9%
Number stays, mean	1.24	1.19	1.22	1.31
<i>SD</i>	0.59	0.53	0.52	0.70
Average LOS, mean	102.50	141.80	90.97	55.76
<i>SD</i>	119.37	136.28	109.03	72.99
Cumu. DOS, mean	113.85	153.64	103.11	66.11
<i>SD</i>	123.65	138.74	116.13	80.37
Cumu. Days of Stay, %				
1 to 7	8.5%	6.9%	9.3%	10.3%
8 to 14	11.0%	7.8%	10.7%	15.4%
15 to 44	26.3%	19.6%	27.4%	34.6%
45 to 89	15.4%	13.7%	17.9%	16.6%
90 to 179	14.0%	14.8%	13.5%	13.2%
180 to 359	12.2%	15.3%	12.0%	8.2%
360+	12.5%	21.9%	9.3%	1.7%
Total	100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %	34.6%	48.1%	30.4%	18.6%
Cumul. DOS, pts. with a 100+ day NH stay, mean	261.37	278.26	255.53	207.74
<i>SD</i>	96.42	94.88	94.95	81.63
NH pts. with 150+ day NH stay, %	26.8%	39.5%	23.1%	11.7%
Cumul. DOS, pts. with a 150+ day NH stay, mean	297.80	309.59	291.40	250.77
<i>SD</i>	75.75	72.40	77.33	69.99
Other VISN cumu. DOS, mean	0.28	0.36	0.24	0.18
<i>SD</i>	3.93	4.81	3.07	2.82
Other station cumu. DOS, mean	0.89	1.04	0.84	0.71
<i>SD</i>	7.27	8.44	5.59	6.18

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
<u>Outpatient utilization</u>				
(reported for those with some outpatient care)				
Pts. with some outpatient care, %	99.1%	98.4%	99.6%	99.6%
annual visit days, mean	25.52	28.33	24.61	20.41
SD	34.88	40.03	30.99	26.42
Outpatient visit days, %				
1-12	43.7%	42.5%	42.7%	48.1%
13-24	26.2%	25.5%	26.7%	27.0%
25-36	12.0%	11.9%	12.4%	11.7%
37-48	5.9%	5.7%	6.4%	5.4%
49+	12.2%	14.4%	11.8%	7.6%
Total	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	75.2%	71.0%	77.0%	82.3%
Mean PC visit days, among those with some PC	3.53	3.43	3.54	3.72
SD	3.02	2.98	3.02	3.07
Average number clinic stops per visit day, mean	1.49	1.45	1.51	1.57
SD	0.48	0.46	0.46	0.55
annual clinic stops (psych & non-psych), mean	39.09	42.58	38.32	32.04
SD	60.15	68.86	54.62	44.37
annual non-psych. clinic stops, mean	20.15	19.31	19.86	22.70
SD	26.41	28.42	23.51	26.14
annual psych. clinic stops (specific groupings below), mean	18.93	23.27	18.46	9.34
SD	46.26	53.40	41.73	31.67
1. general psych. clinic stops, mean	7.63	9.13	7.81	3.71
SD	14.33	16.62	12.93	9.02
2. psych. case management clinic stops, mean	1.44	2.59	0.62	0.16
SD	12.18	16.16	8.19	3.91
3. psych. day treatment clinic stops, mean	3.33	5.48	1.85	0.81
SD	23.81	31.01	16.93	9.89
4. substance abuse clinic stops, mean	3.52	2.97	4.62	2.86
SD	20.18	19.07	21.38	20.51

Table 3A: FY02 Patient w/ Psychosis, Utilization, by Diagnosis Grouping (continued)

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
5. psych. vocational clinic stops, mean	1.86	2.20	1.97	0.83
<i>SD</i>	<i>16.07</i>	<i>18.36</i>	<i>15.43</i>	<i>10.15</i>
6. PTSD clinic stops, mean	0.62	0.42	0.89	0.61
<i>SD</i>	<i>5.25</i>	<i>4.31</i>	<i>6.30</i>	<i>5.22</i>
7. psych. homeless clinic stops, mean	0.48	0.44	0.62	0.32
<i>SD</i>	<i>3.56</i>	<i>3.30</i>	<i>4.15</i>	<i>2.93</i>
Other VISN OP visit days, mean	0.38	0.31	0.50	0.31
<i>SD</i>	<i>2.47</i>	<i>2.30</i>	<i>2.89</i>	<i>2.03</i>
Other station OP visit days, mean	0.95	0.83	1.21	0.76
<i>SD</i>	<i>4.01</i>	<i>3.76</i>	<i>4.66</i>	<i>3.25</i>

Table 3B: FY02 All Patients, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Hospital Based Utilization</u>												
Patients with some Hospital Based Utilization, %	28.7%	27.5%	25.7%	27.0%	25.9%	34.4%	33.5%	29.2%	23.9%	35.4%	30.6%	28.5%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.85	1.95	1.87	1.84	1.76	2.18	1.92	1.75	1.81	1.88	1.87	1.80
<i>SD</i>	1.47	1.62	1.75	1.41	1.26	1.86	1.58	1.27	1.43	1.44	1.40	1.43
Average LOS, mean	14.14	20.66	11.48	20.10	16.97	14.39	17.27	15.22	8.35	16.33	12.29	22.33
<i>SD</i>	32.80	49.58	25.78	46.72	41.43	29.14	42.90	35.77	11.00	44.68	19.27	55.49
Cumulative DOS, mean	23.71	34.27	20.42	32.35	26.26	28.27	28.04	24.19	14.95	25.90	21.63	33.08
<i>SD</i>	43.32	64.71	39.99	58.09	48.85	44.98	52.14	46.22	20.76	52.59	30.99	64.75
Cumulative DOS, %												
1 to 7	38.1%	34.0%	40.9%	31.2%	35.0%	36.6%	33.3%	37.1%	46.5%	40.3%	36.3%	35.0%
8 to 14	22.0%	20.9%	22.8%	20.4%	20.8%	19.8%	22.1%	23.1%	23.2%	21.8%	21.9%	20.8%
15 to 44	27.9%	28.1%	27.4%	30.8%	30.6%	26.5%	31.2%	28.5%	23.8%	25.6%	29.4%	28.7%
45 to 89	7.5%	8.7%	5.5%	10.4%	8.9%	9.7%	7.6%	6.9%	5.1%	7.0%	8.9%	8.0%
90 to 179	2.8%	4.2%	2.1%	4.0%	2.5%	5.6%	3.2%	2.6%	1.2%	2.9%	2.8%	3.7%
180 to 359	1.1%	2.5%	0.7%	1.7%	1.1%	1.5%	1.5%	0.9%	0.1%	1.4%	0.7%	1.7%
360+	0.6%	1.7%	0.6%	1.5%	1.1%	0.3%	1.1%	0.9%	0.0%	1.1%	0.0%	2.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	2.6%	5.9%	1.7%	4.3%	2.8%	4.1%	4.0%	3.0%	0.6%	3.6%	2.0%	5.3%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	231.73	255.20	260.35	261.53	265.87	188.37	243.95	237.57	161.37	259.64	171.32	271.10
<i>SD</i>	93.22	96.64	109.69	97.59	96.70	73.16	90.03	100.89	54.40	93.53	56.57	96.46
Hospital patients who had a 150+ day hosp. stay, %	1.7%	3.9%	1.1%	2.9%	2.1%	1.8%	2.9%	1.9%	0.2%	2.4%	0.8%	4.0%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	280.54	307.34	325.94	310.28	305.58	235.51	280.01	294.12	208.63	310.68	215.41	309.35
<i>SD</i>	78.80	66.91	66.51	70.26	74.33	75.11	78.89	81.49	70.26	64.50	56.61	75.21
Cumulative DOS at Other VISNs	0.64	0.32	1.05	0.53	0.70	0.86	0.53	0.74	0.39	0.60	0.58	0.52
<i>SD</i>	4.42	2.48	6.21	3.34	5.75	4.89	4.80	4.35	3.04	4.25	3.77	3.93
Cumulative DOS at Other Stations	1.93	2.79	1.05	2.88	2.85	2.76	2.11	2.33	0.77	1.14	2.05	2.11
<i>SD</i>	7.67	10.61	6.21	9.60	9.47	9.43	8.91	7.47	3.96	5.65	6.77	7.44

Table 3B: FY02 All Patients, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Hospital Based Utilization</u>											
Patients with some Hospital Based Utilization, %	28.7%	32.5%	32.4%	30.2%	32.0%	29.7%	28.4%	29.2%	23.6%	24.4%	28.0%
<u>Hospital based utilization: Overall</u>											
(psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.85	1.97	1.88	1.81	1.91	1.87	1.81	1.79	1.93	1.70	1.80
SD	1.47	1.69	1.46	1.35	1.63	1.44	1.32	1.34	1.76	1.33	1.35
Average LOS, mean	14.14	16.70	12.05	12.75	18.09	7.62	11.90	9.43	10.69	13.15	8.48
SD	32.80	40.00	21.57	19.32	43.18	7.78	18.73	14.08	13.95	20.81	10.05
Cumulative DOS, mean	23.71	26.94	20.93	22.57	29.51	14.45	21.92	16.41	20.98	21.52	14.70
SD	43.32	49.13	32.33	33.20	54.43	20.14	34.28	25.01	32.35	33.29	19.40
Cumulative DOS, %											
1 to 7	38.1%	35.8%	35.6%	37.5%	34.9%	45.1%	38.3%	40.1%	39.9%	40.9%	45.8%
8 to 14	22.0%	22.9%	25.0%	20.0%	20.8%	23.8%	20.6%	26.3%	22.1%	20.3%	21.8%
15 to 44	27.9%	27.9%	28.8%	28.9%	28.9%	25.5%	29.7%	27.4%	26.6%	26.2%	27.1%
45 to 89	7.5%	6.9%	7.0%	9.9%	8.7%	4.9%	8.1%	4.3%	7.5%	8.7%	4.2%
90 to 179	2.8%	4.1%	2.5%	2.9%	3.6%	0.5%	2.4%	1.5%	3.2%	3.1%	0.9%
180 to 359	1.1%	1.7%	1.0%	0.7%	2.0%	0.2%	0.9%	0.3%	0.8%	0.8%	0.1%
360+	0.6%	0.6%	0.1%	0.0%	1.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	2.6%	4.7%	1.8%	1.6%	4.5%	0.2%	1.4%	0.9%	1.2%	1.9%	0.4%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	231.73	210.52	192.09	191.36	238.10	231.80	220.74	192.74	200.31	180.78	173.70
SD	93.22	80.85	70.11	75.02	91.28	91.77	75.34	78.20	70.21	66.36	57.70
Hospital patients who had a 150+ day hosp. stay, %	1.7%	3.3%	1.0%	0.7%	3.2%	0.0%	0.7%	0.5%	0.5%	0.9%	0.2%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	280.54	238.16	230.83	245.65	275.70	365.00	265.67	240.23	236.73	223.41	214.00
SD	78.80	77.40	62.21	69.70	78.00	0.00	71.00	71.61	40.52	61.64	55.76
Cumulative DOS at Other VISNs	0.64	0.37	0.57	0.69	0.91	0.67	0.72	0.77	0.81	0.70	0.94
SD	4.42	2.63	3.79	5.09	5.65	3.76	4.58	4.16	4.78	4.68	6.07
Cumulative DOS at Other Stations	1.93	2.53	0.71	1.59	1.89	1.71	2.95	2.01	2.60	1.54	1.54
SD	7.67	8.08	4.18	7.02	9.14	6.34	9.97	6.72	8.66	7.03	7.01

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	14.3%	12.8%	13.7%	13.7%	12.4%	16.3%	13.5%	14.4%	14.2%	18.5%	15.5%	12.4%
Inpatient stays, mean	0.82	0.73	0.84	0.85	0.78	0.85	0.64	0.79	0.97	0.93	0.86	0.75
SD	1.18	1.08	1.13	1.23	1.11	1.30	1.06	1.14	1.22	1.29	1.22	1.27
Average LOS, mean	9.29	12.30	7.15	10.71	7.51	10.84	11.79	11.06	8.17	11.13	12.22	7.90
SD	19.98	25.42	12.68	20.88	15.27	23.78	23.67	23.29	12.72	26.52	26.07	17.39
Cumulative Days of Stay, mean	7.29	7.91	5.98	8.96	5.82	8.89	7.07	8.00	8.05	9.49	9.19	5.86
SD	20.71	21.80	14.09	23.18	17.17	26.07	22.81	22.66	17.91	26.72	24.47	18.89
Cumulative Days of Stay, %												
0	50.4%	53.3%	46.6%	49.2%	52.0%	52.7%	59.5%	50.7%	40.7%	47.8%	49.4%	56.6%
1 to 7	27.4%	25.1%	30.9%	25.1%	29.1%	25.5%	20.5%	27.6%	32.1%	27.1%	25.0%	24.2%
8 to 14	9.3%	8.9%	10.7%	9.1%	8.5%	7.7%	7.4%	8.1%	12.0%	8.7%	9.8%	8.8%
15 to 44	9.7%	8.2%	10.1%	12.2%	8.4%	9.3%	9.6%	9.5%	11.7%	11.7%	10.8%	8.3%
45 to 89	2.1%	2.5%	1.2%	3.1%	1.5%	3.0%	1.8%	2.7%	2.7%	3.1%	3.3%	1.5%
90 to 179	0.8%	1.7%	0.5%	1.0%	0.4%	1.4%	0.9%	1.2%	0.7%	1.0%	1.4%	0.4%
180 to 359	0.2%	0.2%	0.1%	0.3%	0.2%	0.3%	0.3%	0.1%	0.1%	0.4%	0.4%	0.2%
360+	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.7%	1.2%	0.3%	0.7%	0.4%	1.1%	0.9%	1.0%	0.5%	1.2%	1.4%	0.4%
Cumul. DOS, pts.with a 100+ day hosp. stay, mean	182.22	143.06	160.75	196.00	211.18	176.32	191.93	164.14	165.18	195.41	167.26	239.56
SD	74.85	48.63	91.09	82.22	78.19	82.43	73.28	77.51	58.56	83.12	61.20	95.03
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.3%	0.2%	0.1%	0.4%	0.2%	0.5%	0.6%	0.4%	0.2%	0.5%	0.6%	0.3%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	238.85	248.20	297.00	244.27	258.29	231.40	228.29	220.47	208.63	274.31	214.94	272.57
SD	69.35	55.68	0.00	68.52	53.59	92.66	69.50	93.44	70.26	64.61	63.63	79.07
Other VISN cumulative DOS, mean	0.16	0.07	0.31	0.14	0.28	0.19	0.08	0.14	0.13	0.19	0.14	0.16
SD	2.08	1.04	4.16	1.88	4.05	2.12	1.28	1.83	1.88	2.37	1.90	2.22
Other station cumulative DOS, mean	0.55	0.82	0.31	1.16	0.80	0.59	0.49	0.65	0.33	0.28	0.75	0.72
SD	3.76	4.55	4.16	6.45	5.12	4.28	4.13	3.85	2.73	2.57	4.39	4.07

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	14.3%	16.6%	15.9%	14.1%	15.8%	18.2%	15.0%	14.1%	11.2%	10.9%	14.2%
Inpatient stays, mean	0.82	0.87	0.83	0.76	0.80	1.04	0.84	0.81	0.75	0.67	0.81
SD	1.18	1.24	1.25	1.15	1.15	1.24	1.14	1.20	1.12	1.05	1.12
Average LOS, mean	9.29	12.32	7.62	9.36	10.93	5.84	7.60	7.02	6.88	8.00	6.89
SD	19.98	33.10	15.41	16.18	26.61	7.26	11.87	16.34	10.25	14.76	12.13
Cumulative Days of Stay, mean	7.29	9.41	6.24	7.08	8.21	6.35	6.44	5.53	5.64	5.46	5.30
SD	20.71	30.04	17.24	19.18	24.77	14.85	14.87	16.85	17.04	15.64	11.84
Cumulative Days of Stay, %											
0	50.4%	49.0%	51.0%	53.2%	50.5%	38.8%	47.3%	51.9%	52.8%	55.5%	49.2%
1 to 7	27.4%	28.0%	27.9%	24.5%	25.8%	36.5%	29.7%	28.8%	28.8%	26.6%	30.4%
8 to 14	9.3%	9.5%	10.0%	9.2%	9.7%	12.2%	9.7%	9.2%	9.0%	7.7%	10.0%
15 to 44	9.7%	9.3%	8.6%	9.7%	10.2%	10.9%	11.6%	8.7%	7.4%	7.9%	9.1%
45 to 89	2.1%	2.0%	1.7%	2.3%	2.5%	1.2%	1.2%	1.0%	1.4%	1.7%	1.0%
90 to 179	0.8%	1.2%	0.6%	0.9%	0.9%	0.1%	0.4%	0.4%	0.3%	0.5%	0.3%
180 to 359	0.2%	1.0%	0.2%	0.1%	0.3%	0.1%	0.1%	0.1%	0.2%	0.2%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.7%	1.7%	0.4%	0.5%	0.9%	0.2%	0.3%	0.4%	0.3%	0.3%	0.2%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	182.22	200.57	184.08	164.88	206.38	227.60	168.00	196.60	194.29	194.25	143.80
SD	74.85	68.51	67.09	77.38	90.06	96.96	40.85	90.35	65.77	59.27	39.86
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.3%	1.2%	0.3%	0.2%	0.6%	0.0%	0.1%	0.2%	0.2%	0.2%	0.1%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	238.85	234.26	213.38	256.25	257.19	365.00	212.00	263.60	244.00	220.83	184.50
SD	69.35	54.01	64.10	83.68	77.97	0.00	8.49	83.86	23.68	38.59	9.19
Other VISN cumulative DOS, mean	0.16	0.04	0.14	0.15	0.18	0.20	0.21	0.22	0.13	0.13	0.20
SD	2.08	0.56	1.83	1.81	2.09	1.66	3.31	1.88	1.42	1.39	1.55
Other station cumulative DOS, mean	0.55	0.57	0.17	0.47	0.28	0.55	0.74	0.56	0.57	0.39	0.54

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Hospital based utilization: Psychiatric</u>												
(psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	17.5%	18.2%	15.3%	15.9%	15.8%	22.9%	23.5%	17.8%	12.0%	20.3%	19.0%	19.0%
Inpatient stays, mean	1.04	1.23	1.03	0.99	0.98	1.34	1.29	0.96	0.83	0.95	1.02	1.04
SD	1.35	1.54	1.55	1.24	1.17	1.66	1.55	1.14	1.28	1.28	1.21	1.19
Average LOS, mean	17.79	26.83	15.16	27.33	23.86	16.31	20.18	18.29	8.38	20.52	12.77	30.35
SD	39.36	60.75	33.32	58.22	51.39	31.34	49.66	42.10	8.12	54.50	16.17	65.82
Cumulative Days of Stay, mean	16.43	26.36	14.44	23.44	20.44	19.38	20.98	16.20	6.91	16.41	12.44	27.22
SD	39.98	62.29	38.23	55.98	47.77	39.35	48.79	42.35	13.90	47.81	21.49	63.84
Cumulative Days of Stay, %												
0	39.0%	33.9%	40.4%	41.1%	39.0%	33.5%	29.7%	38.9%	49.9%	42.5%	37.7%	33.5%
1 to 7	19.2%	18.0%	20.4%	12.6%	13.6%	22.1%	20.8%	18.4%	22.8%	21.0%	20.8%	18.4%
8 to 14	14.7%	14.5%	14.9%	14.2%	13.7%	14.7%	17.0%	16.5%	12.7%	15.0%	15.4%	14.0%
15 to 44	18.8%	21.6%	17.8%	19.7%	22.8%	18.0%	23.0%	19.4%	12.0%	14.2%	19.5%	21.1%
45 to 89	5.1%	5.8%	3.7%	6.6%	7.0%	6.5%	5.3%	4.2%	2.0%	3.9%	5.1%	6.2%
90 to 179	1.9%	2.3%	1.8%	2.9%	2.0%	3.9%	2.3%	1.1%	0.5%	1.5%	1.3%	3.2%
180 to 359	0.8%	2.4%	0.6%	1.4%	0.8%	1.2%	1.0%	0.8%	0.0%	0.9%	0.2%	1.5%
360+	0.5%	1.5%	0.4%	1.4%	1.0%	0.1%	1.0%	0.7%	0.0%	1.0%	0.0%	2.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	2.0%	4.8%	1.4%	3.7%	2.4%	3.0%	3.1%	2.0%	0.1%	2.4%	0.7%	5.0%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	243.69	273.71	270.05	267.84	272.92	186.53	253.21	271.57	143.20	288.31	146.84	270.20
SD	94.79	87.47	108.32	96.80	98.71	67.23	94.31	92.44	26.10	86.09	24.80	98.24
Hosp. Pts. with a 150+ day psych hosp.stay, %	1.3%	3.7%	1.0%	2.6%	1.9%	1.3%	2.3%	1.5%	0.0%	1.9%	0.2%	3.8%
Cumul. DOS, pts.with a 150+ day hosp. stay, mean	287.89	303.43	323.53	316.06	311.20	235.12	288.54	311.44	0.00	319.40	178.60	310.38
SD	78.82	67.46	67.69	67.02	75.21	71.29	80.51	67.41	0.00	62.58	16.56	76.13
Other VISN cumulative DOS, mean	0.48	0.25	0.74	0.39	0.42	0.67	0.44	0.60	0.25	0.41	0.44	0.36
SD	3.80	2.22	4.64	2.77	4.05	4.02	4.59	3.91	2.36	3.28	3.20	3.25
Other station cumulative DOS, mean	1.38	1.98	0.74	1.72	2.04	2.17	1.62	1.68	0.44	0.86	1.31	1.39
SD	6.60	9.44	4.64	7.19	8.08	8.09	7.93	6.27	2.85	4.84	5.06	6.34

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Hospital based utilization: Psychiatric</u>											
(psych- for those with some hosp.based util.)											
Pts. with psych hospital stays, %	17.5%	19.7%	20.2%	19.1%	19.8%	14.6%	16.4%	18.1%	15.1%	15.6%	16.6%
Inpatient stays, mean	1.04	1.10	1.05	1.05	1.11	0.84	0.97	0.97	1.18	1.03	0.99
SD	1.35	1.54	1.30	1.24	1.54	1.24	1.21	1.17	1.69	1.27	1.28
Average LOS, mean	17.79	19.87	15.07	15.18	23.03	9.81	15.88	11.11	13.43	16.49	9.90
SD	39.36	44.54	24.88	22.02	50.41	8.64	22.29	11.68	16.74	23.38	9.90
Cumulative Days of Stay, mean	16.43	17.53	14.69	15.48	21.30	8.10	15.48	10.87	15.33	16.06	9.41
SD	39.98	41.98	29.65	29.59	50.81	15.82	32.39	20.63	28.28	31.21	17.42
Cumulative Days of Stay, %											
0	39.0%	39.3%	37.6%	36.8%	38.2%	50.8%	42.3%	38.0%	36.0%	36.1%	40.6%
1 to 7	19.2%	17.4%	17.7%	20.6%	17.2%	17.5%	15.8%	20.1%	20.0%	21.4%	24.6%
8 to 14	14.7%	15.6%	17.1%	12.8%	13.8%	13.3%	13.3%	19.3%	15.3%	13.6%	13.5%
15 to 44	18.8%	19.3%	20.0%	20.0%	19.6%	14.9%	19.7%	18.4%	20.0%	19.1%	17.8%
45 to 89	5.1%	4.6%	5.0%	7.4%	6.3%	3.1%	6.5%	3.1%	5.7%	6.7%	2.8%
90 to 179	1.9%	2.6%	1.9%	1.8%	2.4%	0.3%	1.6%	0.9%	2.5%	2.5%	0.6%
180 to 359	0.8%	0.7%	0.8%	0.6%	1.5%	0.1%	0.6%	0.2%	0.4%	0.6%	0.1%
360+	0.5%	0.6%	0.0%	0.0%	0.9%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	2.0%	3.0%	1.4%	1.0%	3.6%	0.0%	1.1%	0.5%	0.9%	1.6%	0.2%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	243.69	213.41	193.12	199.28	241.88	0.00	231.61	186.08	179.47	175.84	191.00
SD	94.79	87.71	72.36	72.84	93.50	0.00	79.46	73.34	53.84	65.17	72.78
Hosp. Pts. with a 150+ day psych hosp.stay, %	1.3%	2.2%	0.7%	0.5%	2.6%	0.0%	0.6%	0.3%	0.3%	0.7%	0.1%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	287.89	238.19	235.95	240.62	278.72	0.00	274.60	225.50	225.86	218.86	229.67
SD	78.82	88.23	62.81	67.36	78.28	0.00	74.70	64.44	44.24	63.50	70.16
Other VISN cumulative DOS, mean	0.48	0.33	0.42	0.54	0.74	0.47	0.51	0.55	0.68	0.57	0.74
SD	3.80	2.50	3.20	4.62	5.00	3.30	3.15	3.54	4.41	4.45	5.72
Other station cumulative DOS, mean	1.38	1.97	0.53	1.12	1.61	1.16	2.20	1.45	2.03	1.15	0.99
SD	6.60	6.92	3.58	6.02	8.67	5.37	8.94	6.00	8.05	6.32	6.19

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	8.4%	7.1%	12.9%	10.2%	11.5%	12.1%	7.3%	5.4%	4.5%	7.3%	14.4%	6.4%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	1.7%	1.6%	1.6%	0.1%	4.9%	2.5%	0.5%	2.0%	0.0%	0.8%	3.4%	0.8%
Number stays, mean	1.11	1.04	1.24	1.11	1.04	1.20	1.04	1.00	1.07	1.04	1.12	1.17
SD	0.36	0.21	0.61	0.33	0.21	0.42	0.19	0.00	0.27	0.20	0.38	0.41
Average LOS, mean	36.89	77.67	28.28	41.53	49.27	36.46	27.44	28.20	53.16	14.62	19.13	46.12
SD	46.34	111.30	23.74	54.41	73.49	35.88	13.84	34.21	34.96	10.45	20.99	56.48
Cumulative DOS, mean	40.01	79.22	33.04	44.23	50.25	41.99	27.97	28.20	55.43	15.03	21.42	55.56
SD	48.61	111.03	27.68	55.14	73.48	39.12	13.60	34.21	35.67	10.49	24.00	67.60
Cumulative Days of Stay, %												
1 to 7	13.4%	9.6%	10.7%	16.2%	14.5%	16.2%	7.5%	40.0%	5.9%	20.0%	28.2%	11.5%
8 to 14	12.6%	14.0%	16.0%	11.9%	10.6%	12.0%	3.8%	10.0%	8.1%	54.7%	20.4%	9.8%
15 to 44	48.4%	34.8%	49.6%	42.9%	50.3%	37.3%	83.0%	30.0%	30.9%	24.0%	41.3%	47.7%
45 to 89	15.6%	21.9%	20.9%	11.4%	8.9%	21.1%	4.7%	10.0%	25.4%	1.3%	6.7%	10.3%
90 to 179	7.8%	6.7%	2.0%	16.2%	6.7%	12.0%	0.9%	10.0%	29.7%	0.0%	3.1%	15.5%
180 to 359	1.4%	2.2%	0.8%	0.5%	7.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.2%	4.0%
360+	0.8%	10.7%	0.0%	1.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	6.2%	18.0%	2.0%	14.3%	14.5%	7.7%	0.9%	10.0%	7.6%	0.0%	1.6%	14.4%
Cumul. DOS, pts w/ 100+ day Res Rehab stay, mean	184.29	292.53	161.20	153.07	205.58	137.64	101.00	100.00	112.17	0.00	138.14	190.24
SD	85.52	104.20	29.69	61.84	81.62	32.30	0.00	0.00	12.88	0.00	29.65	79.47
Res Rehab patients with 150+ day Res Rehab stay, %	3.1%	14.0%	0.8%	7.6%	10.1%	2.1%	0.0%	0.0%	0.0%	0.0%	0.2%	6.3%
Cumul. DOS, pts with a 150+ day Res Rehab stay, mean	243.29	339.88	178.00	184.25	242.00	184.00	0.00	0.00	0.00	0.00	193.00	248.55
SD	84.45	57.40	26.87	70.76	71.79	21.00	0.00	0.00	0.00	0.00	0.00	77.47
Other VISN cumulative DOS, mean	1.02	0.10	0.90	0.03	0.65	1.22	1.22	24.90	0.30	5.49	0.36	0.65
SD	6.49	0.81	4.15	0.48	3.36	4.93	9.94	36.24	2.46	13.08	3.19	5.32
Other station cumulative DOS, mean	3.63	3.87	0.90	4.57	3.40	6.07	4.75	24.90	1.31	5.87	1.26	2.08
SD	11.34	11.40	4.15	15.88	7.23	15.14	13.14	36.24	6.61	13.12	4.50	7.32

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
Other 24 hour institutional care											
Patients with some other 24 hour institutional care, %	8.4%	15.6%	7.1%	4.4%	10.8%	8.0%	4.4%	10.1%	5.5%	6.4%	15.4%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
Patients with some residential rehab. care, %	1.7%	5.6%	0.4%	2.1%	6.0%	3.0%	1.9%	4.1%	1.9%	0.2%	0.8%
Number stays, mean	1.11	1.15	1.04	1.04	1.04	1.14	1.06	1.05	1.17	1.00	1.13
SD	0.36	0.41	0.26	0.19	0.20	0.50	0.24	0.22	0.45	0.00	0.35
Average LOS, mean	36.89	33.62	94.75	22.34	23.94	34.62	39.99	21.72	46.84	15.67	39.33
SD	46.34	23.51	81.71	13.66	25.49	37.52	24.91	16.77	29.50	14.11	27.07
Cumulative DOS, mean	40.01	38.35	96.77	23.10	25.11	41.96	41.66	22.73	51.36	15.67	43.03
SD	48.61	30.28	82.03	14.66	27.24	50.44	25.89	17.61	30.92	14.11	30.09
Cumulative Days of Stay, %											
1 to 7	13.4%	7.2%	5.6%	18.8%	11.7%	20.0%	8.0%	13.0%	5.6%	50.0%	10.9%
8 to 14	12.6%	7.8%	9.9%	13.8%	12.2%	12.0%	8.8%	11.4%	8.3%	16.7%	6.5%
15 to 44	48.4%	60.4%	22.5%	63.8%	66.0%	40.0%	49.6%	71.4%	25.0%	33.3%	40.8%
45 to 89	15.6%	19.7%	16.9%	3.8%	6.9%	14.0%	31.0%	3.8%	50.0%	0.0%	32.8%
90 to 179	7.8%	4.0%	31.0%	0.0%	2.1%	8.0%	2.7%	0.0%	11.1%	0.0%	9.0%
180 to 359	1.4%	0.8%	12.7%	0.0%	1.1%	6.0%	0.0%	0.5%	0.0%	0.0%	0.0%
360+	0.8%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	6.2%	2.0%	43.7%	0.0%	1.6%	14.0%	0.9%	0.5%	2.8%	0.0%	1.5%
Cumul. DOS, pts w/ 100+ day C.C. stay, mean	184.29	178.90	176.03	0.00	182.67	152.14	141.00	203.00	107.00	0.00	127.33
SD	85.52	77.00	57.90	0.00	43.92	36.62	0.00	0.00	0.00	0.00	40.41
Res Rehab patients with 150+ day Res Rehab stay, %	3.1%	1.0%	28.2%	0.0%	1.1%	4.0%	0.0%	0.5%	0.0%	0.0%	0.0%
Cumul. DOS, patients with a 150+ day C.C. stay, mean	243.29	234.60	199.35	0.00	208.00	187.00	0.00	203.00	0.00	0.00	0.00
SD	84.45	70.26	58.60	0.00	2.83	4.24	0.00	0.00	0.00	0.00	0.00
Other VISN cumulative DOS, mean	1.02	0.06	1.80	3.11	0.32	1.12	1.30	0.88	3.58	14.67	3.90
SD	6.49	1.22	6.24	10.77	2.35	4.96	9.24	4.61	13.05	15.11	14.46
Other station cumulative DOS, mean	3.63	5.63	2.10	5.20	1.01	2.42	5.63	3.94	10.61	14.67	5.81
SD	11.34	13.47	6.64	12.83	6.31	6.77	15.11	9.48	21.32	15.11	16.32

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)												
Patients with some dom/voc care, %	3.0%	1.4%	4.7%	4.1%	4.9%	5.8%	2.5%	2.3%	0.4%	2.4%	5.6%	0.0%
Number stays, mean	1.13	1.13	1.31	1.20	1.12	1.13	1.09	1.13	1.13	1.10	1.14	1.00
SD	0.38	0.37	0.57	0.48	0.36	0.35	0.30	0.36	0.38	0.31	0.41	0.00
Average LOS, mean	84.74	108.56	93.64	69.77	38.25	110.92	39.47	47.94	92.35	133.98	44.07	27.00
SD	94.23	99.13	61.98	64.43	40.92	113.06	44.62	53.49	84.12	120.26	58.23	19.41
Cumulative DOS, mean	91.89	120.79	115.11	79.61	43.88	118.42	42.37	52.06	99.46	141.63	49.01	27.00
SD	97.05	107.75	73.12	70.37	48.05	113.65	46.21	55.67	86.01	121.15	61.43	19.41
Cumulative Days of Stay, %												
1 to 7	7.6%	6.0%	5.0%	7.0%	11.4%	7.3%	13.8%	9.7%	5.6%	6.7%	8.5%	25.0%
8 to 14	6.6%	7.3%	3.6%	4.3%	12.7%	4.9%	11.0%	7.2%	9.9%	2.4%	9.5%	0.0%
15 to 44	30.2%	15.9%	13.2%	29.9%	48.5%	20.4%	39.0%	44.4%	19.7%	18.7%	51.1%	50.0%
45 to 89	19.7%	21.2%	17.5%	22.4%	9.6%	19.8%	28.4%	21.1%	19.7%	17.7%	17.5%	25.0%
90 to 179	20.7%	26.5%	39.6%	26.4%	15.9%	27.1%	6.4%	14.3%	23.9%	23.4%	9.5%	0.0%
180 to 359	9.3%	14.6%	20.7%	8.8%	2.0%	8.2%	0.5%	2.5%	19.7%	18.2%	1.9%	0.0%
360+	5.8%	8.6%	0.4%	1.3%	0.0%	12.2%	0.9%	0.7%	1.4%	12.9%	1.9%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	30.6%	46.4%	52.9%	29.1%	12.3%	39.6%	5.5%	13.3%	39.4%	49.3%	9.5%	0.0%
Cumul. DOS, patients with a 100+ day Dom. stay, mean	209.91	211.16	169.78	167.09	148.33	226.21	171.75	160.19	187.25	240.54	195.22	0.00
SD	93.44	93.83	49.57	63.52	32.05	107.39	95.03	70.46	67.43	96.74	97.64	0.00
Dom. patients with 150+ day Dom. stay, %	18.4%	27.2%	30.0%	12.3%	4.8%	22.9%	1.4%	4.7%	23.9%	34.9%	4.3%	0.0%
Cumul. DOS, pts w/ a 150+ day Dom. stay, mean	264.12	267.80	199.86	217.78	179.70	299.81	317.33	231.77	222.35	286.36	272.36	0.00
SD	81.95	81.12	41.72	61.41	23.43	81.01	80.83	77.85	61.99	76.21	94.00	0.00
Other VISN cumulative DOS, mean	1.59	2.50	5.11	1.48	1.47	2.80	1.19	1.47	3.83	2.44	1.11	27.00
SD	8.33	9.07	13.56	7.37	7.80	9.54	6.71	8.40	8.43	11.71	9.56	19.41
Other station cumulative DOS, mean	3.82	6.49	5.11	8.24	7.45	5.84	2.19	2.27	3.83	2.99	2.06	27.00
SD	13.34	17.66	13.56	21.12	15.61	17.10	8.00	9.36	8.43	12.28	10.83	19.41

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)											
Patients with some dom/voc care, %	3.0%	4.8%	2.7%	1.4%	6.0%	2.3%	0.4%	5.3%	0.8%	3.0%	6.7%
Number stays, mean	1.13	1.08	1.08	1.08	1.14	1.06	1.05	1.09	1.04	1.07	1.22
SD	0.38	0.30	0.28	0.29	0.37	0.24	0.22	0.30	0.20	0.25	0.49
Average LOS, mean	84.74	103.78	97.34	69.07	132.16	100.20	12.35	134.38	60.19	97.10	63.00
SD	94.23	113.39	90.12	73.57	122.42	87.78	12.38	128.28	62.21	83.17	75.10
Cumulative DOS, mean	91.89	107.72	101.72	73.17	143.19	104.40	12.75	141.38	61.36	101.13	71.52
SD	97.05	113.43	91.32	75.76	123.47	89.23	12.36	129.74	62.03	84.18	79.31
Cumulative Days of Stay, %											
1 to 7	7.6%	6.7%	5.9%	10.4%	3.9%	4.4%	40.0%	4.0%	10.8%	7.7%	8.8%
8 to 14	6.6%	7.4%	4.7%	3.2%	4.1%	4.4%	25.0%	4.4%	9.5%	5.3%	7.3%
15 to 44	30.2%	27.8%	25.7%	38.3%	17.1%	16.5%	30.0%	26.2%	32.4%	18.6%	34.7%
45 to 89	19.7%	18.3%	18.2%	20.7%	22.4%	28.0%	5.0%	16.5%	21.6%	23.9%	23.0%
90 to 179	20.7%	19.5%	28.1%	18.9%	22.2%	33.5%	0.0%	17.4%	17.6%	25.2%	18.3%
180 to 359	9.3%	9.7%	13.0%	7.2%	14.7%	7.1%	0.0%	13.8%	8.1%	18.8%	4.4%
360+	5.8%	10.7%	4.3%	1.4%	15.6%	6.0%	0.0%	17.8%	0.0%	0.5%	3.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	30.6%	35.9%	41.1%	23.9%	45.5%	37.4%	0.0%	45.9%	18.9%	40.8%	19.4%
Cumul. DOS, patients with a 100+ day Dom. stay, mean	209.91	230.79	187.74	183.81	254.40	188.54	0.00	260.28	170.50	185.25	195.70
SD	93.44	104.25	80.12	77.25	97.74	90.97	0.00	98.33	52.97	64.01	98.16
Dom. patients with 150+ day Dom. stay, %	18.4%	24.5%	24.1%	11.7%	34.4%	16.5%	0.0%	35.2%	9.5%	25.2%	9.5%
Cumul. DOS, pts w/ a 150+ day Dom. stay, mean	264.12	282.32	233.36	240.23	292.64	265.97	0.00	299.25	213.86	220.17	274.48
SD	81.95	86.00	75.91	74.74	78.48	86.25	0.00	77.42	38.65	56.69	82.94
Other VISN cumulative DOS, mean	1.59	0.37	1.84	1.86	0.56	2.52	12.75	0.71	3.97	0.40	1.12
SD	8.33	2.89	9.98	7.95	4.30	12.52	12.36	6.99	11.70	4.27	7.13
Other station cumulative DOS, mean	3.82	6.10	1.84	2.88	1.92	3.40	12.75	2.49	5.45	0.59	1.84
SD	13.34	18.56	9.98	9.55	10.27	15.17	12.36	10.87	13.45	4.92	8.28

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Patients with some nursing home care, %	4.2%	4.3%	5.3%	4.8%	5.4%	4.4%	3.7%	3.0%	3.0%	4.3%	5.8%	4.4%
Number stays, mean	1.24	1.26	1.30	1.15	1.21	1.28	1.19	1.15	1.22	1.33	1.19	1.16
SD	0.59	0.59	0.64	0.44	0.57	0.56	0.49	0.41	0.48	0.74	0.49	0.44
Average LOS, mean	102.50	126.54	80.82	191.42	126.44	91.78	122.03	120.35	69.26	64.84	96.46	145.98
SD	119.37	139.72	110.04	139.21	132.39	113.53	127.99	127.11	85.36	91.33	108.37	143.88
Cumulative DOS, mean	113.85	141.60	94.01	206.40	135.48	106.12	131.92	129.27	80.20	74.33	106.34	155.04
SD	123.65	144.22	116.07	140.20	132.79	118.65	130.89	130.40	94.03	95.42	111.96	144.90
Cumulative Days of Stay, %												
1 to 7	8.5%	13.4%	13.0%	2.7%	9.9%	9.2%	7.9%	7.3%	8.0%	8.7%	6.0%	8.6%
8 to 14	11.0%	8.6%	13.3%	5.3%	8.8%	16.9%	11.6%	14.2%	17.3%	11.1%	10.4%	10.6%
15 to 44	26.3%	21.6%	27.3%	9.9%	18.8%	24.5%	21.0%	21.8%	28.1%	45.0%	24.5%	19.4%
45 to 89	15.4%	11.2%	14.9%	12.8%	14.3%	12.0%	14.6%	12.6%	16.8%	13.5%	22.4%	11.1%
90 to 179	14.0%	11.6%	13.3%	17.7%	17.2%	12.0%	14.0%	13.1%	16.1%	8.7%	15.6%	13.6%
180 to 359	12.2%	11.4%	8.3%	17.9%	13.5%	16.1%	15.9%	15.9%	9.8%	7.7%	12.6%	12.8%
360+	12.5%	22.2%	9.8%	33.7%	17.5%	9.2%	14.9%	15.1%	4.0%	5.3%	8.5%	23.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	34.6%	42.5%	25.7%	64.8%	43.5%	32.9%	42.4%	40.5%	23.9%	19.8%	31.8%	47.4%
Cumul. DOS, patients with a 100+ day NH stay, mean	261.37	291.88	266.46	291.99	264.09	254.60	264.73	267.49	218.63	241.68	244.83	290.53
SD	96.42	92.97	98.14	93.86	99.51	87.83	93.57	92.43	93.17	93.36	95.00	91.83
NH patients with 150+ day NH stay, %	26.8%	35.1%	18.7%	54.1%	33.6%	26.5%	34.8%	33.8%	15.0%	15.1%	22.6%	40.8%
Cumul. DOS, pts w/ a 150+ day NH stay, mean	297.80	320.86	312.90	323.11	303.86	283.33	292.71	294.16	273.78	274.60	289.88	315.10
SD	75.75	69.57	69.11	66.77	74.34	71.00	77.76	75.65	73.83	79.82	72.76	71.90
Other VISN cumulative DOS, mean	0.28	0.35	0.08	0.06	0.22	0.69	0.13	0.29	0.56	0.75	0.06	0.38
SD	3.93	4.22	1.46	0.81	2.65	6.21	1.95	4.19	6.84	8.53	1.17	4.53
Other station cumulative DOS, mean	0.89	1.19	0.08	1.34	1.22	0.86	0.71	0.47	0.75	0.85	1.18	0.91
SD	7.27	8.41	1.46	11.23	7.39	6.40	5.44	4.79	7.26	8.62	7.43	6.52

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Patients with some nursing home care, %	4.2%	6.6%	3.9%	2.6%	4.1%	5.2%	2.1%	3.0%	4.3%	3.5%	7.2%
Number stays, mean	1.24	1.12	1.24	1.27	1.19	1.35	1.28	1.21	1.67	1.21	1.19
SD	0.59	0.36	0.57	0.59	0.50	0.68	0.49	0.49	1.30	0.48	0.50
Average LOS, mean	102.50	131.76	71.98	91.12	94.30	48.23	110.65	62.65	73.50	86.41	102.63
SD	119.37	135.94	94.13	107.67	100.89	68.43	110.23	87.92	89.65	99.93	123.56
Cumulative DOS, mean	113.85	139.17	79.87	101.58	103.04	60.92	140.12	69.47	98.24	98.71	111.28
SD	123.65	138.14	96.86	111.38	104.85	79.99	134.49	89.52	107.36	107.85	125.95
Cumulative Days of Stay, %											
1 to 7	8.5%	7.9%	9.6%	7.5%	6.5%	9.5%	9.2%	8.8%	9.4%	5.2%	11.9%
8 to 14	11.0%	7.3%	11.5%	12.7%	8.9%	16.0%	6.7%	16.2%	9.9%	9.2%	9.7%
15 to 44	26.3%	30.1%	32.3%	28.2%	25.9%	39.1%	20.8%	37.3%	25.3%	30.5%	25.0%
45 to 89	15.4%	10.0%	18.9%	14.4%	19.4%	16.7%	15.0%	14.2%	19.3%	21.7%	15.8%
90 to 179	14.0%	8.8%	15.1%	15.6%	19.4%	9.8%	15.0%	11.5%	16.2%	13.9%	14.3%
180 to 359	12.2%	15.5%	6.8%	12.9%	14.6%	6.7%	15.8%	8.5%	15.4%	11.7%	8.9%
360+	12.5%	20.4%	5.8%	8.8%	5.4%	2.1%	17.5%	3.5%	4.4%	7.8%	14.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	34.6%	43.4%	23.6%	33.3%	34.8%	13.4%	45.8%	18.8%	28.7%	28.3%	33.2%
Cumul. DOS, pts w/a 100+ day NH stay, mean	261.37	280.31	225.60	235.34	222.44	232.36	266.11	229.51	243.26	246.82	266.04
SD	96.42	90.31	97.00	94.42	90.90	89.23	95.88	87.00	88.03	92.62	101.04
NH patients with 150+ day NH stay, %	26.8%	38.2%	15.1%	24.3%	22.6%	9.1%	35.0%	14.6%	20.1%	21.1%	25.4%
Cumul. DOS, pts w/ a 150+ day NH stay, mean	297.80	300.25	280.64	273.85	269.67	269.66	306.38	256.66	280.36	283.97	305.72
SD	75.75	76.39	78.30	79.62	74.98	80.15	69.93	78.76	73.58	74.75	78.18
Other VISN cumulative DOS, mean	0.28	0.09	0.18	0.25	0.18	0.24	0.84	0.48	0.37	0.20	0.15
SD	3.93	1.37	2.09	2.45	2.22	2.16	5.84	3.69	6.51	2.07	2.77
Other station cumulative DOS, mean	0.89	1.14	0.18	0.84	0.37	0.63	0.88	1.36	1.24	0.88	0.89
SD	7.27	9.70	2.09	5.68	3.67	4.56	5.85	7.32	10.99	6.59	7.06

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Patients with some outpatient care, %	99.1%	98.6%	99.0%	97.8%	98.5%	99.0%	98.6%	99.2%	99.7%	99.2%	99.1%	98.2%
annual visit days, mean	25.52	35.68	35.80	32.45	21.75	33.31	18.54	24.13	21.19	17.89	28.89	21.90
SD	34.88	46.40	44.06	44.78	30.88	46.17	25.71	32.58	24.57	22.72	35.78	32.09
Outpatient visit days, %												
1-12	43.7%	34.7%	31.5%	38.7%	48.1%	37.4%	53.4%	44.6%	42.9%	51.0%	36.6%	52.1%
13-24	26.2%	24.1%	26.5%	24.1%	27.2%	24.4%	26.0%	26.7%	30.9%	28.7%	26.2%	24.2%
25-36	12.0%	13.4%	13.9%	12.7%	10.8%	13.4%	10.4%	12.0%	12.7%	10.9%	14.0%	9.4%
37-48	5.9%	7.3%	7.2%	6.5%	5.2%	6.8%	4.2%	5.6%	5.8%	4.6%	7.4%	4.6%
49+	12.2%	20.4%	20.8%	18.0%	8.8%	18.0%	6.0%	11.0%	7.7%	4.9%	15.8%	9.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	75.2%	75.7%	82.8%	71.7%	71.9%	71.9%	72.4%	74.7%	81.2%	74.5%	76.1%	75.3%
Mean PC visit days, among those with some PC	3.53	3.71	3.39	2.91	3.32	4.18	3.58	3.39	3.98	3.09	3.82	3.11
SD	3.02	3.63	2.59	2.22	2.73	3.88	2.86	2.90	3.02	2.44	3.22	2.46
Average number clinic stops per visit day, mean	1.49	1.39	1.41	1.44	1.46	1.51	1.51	1.56	1.47	1.61	1.43	1.48
SD	0.48	0.40	0.39	0.47	0.44	0.44	0.46	0.52	0.45	0.55	0.42	0.46
annual clinic stops (psych & non-psych), mean	39.09	51.75	53.31	47.98	31.83	51.07	28.18	39.08	32.38	28.10	43.14	33.91
SD	60.15	73.12	74.53	73.71	46.42	75.31	42.45	62.34	45.39	37.28	58.23	55.92
annual non-psych. clinic stops, mean	20.15	22.99	23.79	21.57	16.73	25.45	16.91	20.62	20.94	19.21	17.70	16.82
SD	26.41	31.87	31.18	28.20	21.30	34.20	22.15	26.68	23.17	23.39	19.65	23.97

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Patients with some outpatient care, %	99.1%	98.3%	99.4%	99.6%	99.1%	99.7%	99.3%	99.5%	99.2%	99.5%	98.7%
annual visit days, mean	25.52	33.69	23.54	19.79	24.96	22.05	24.46	27.42	27.13	26.88	28.29
SD	34.88	46.82	35.59	27.04	33.80	22.80	27.10	32.97	35.49	37.60	38.24
Outpatient visit days, %											
1-12	43.7%	39.0%	49.1%	51.8%	45.5%	41.0%	40.6%	38.8%	40.4%	43.6%	43.3%
13-24	26.2%	24.0%	25.7%	26.2%	25.3%	28.7%	26.5%	26.2%	25.5%	24.9%	22.9%
25-36	12.0%	11.7%	10.3%	10.1%	11.9%	14.2%	13.8%	13.0%	12.9%	12.1%	11.8%
37-48	5.9%	6.2%	5.0%	4.2%	5.9%	6.9%	6.7%	6.8%	7.4%	6.0%	6.5%
49+	12.2%	19.0%	9.9%	7.7%	11.4%	9.2%	12.4%	15.2%	13.9%	13.5%	15.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care, %	75.2%	77.2%	76.1%	75.6%	79.8%	75.3%	78.0%	69.2%	77.9%	72.0%	67.3%
OP visit days with primary care clinic stops, mean	3.53	3.66	3.03	3.06	3.93	3.64	3.44	3.54	4.05	3.96	3.19
SD	3.02	3.17	2.67	2.32	3.60	2.68	3.09	3.09	3.59	3.61	2.69
Average number clinic stops per visit day, mean	1.49	1.61	1.52	1.52	1.54	1.51	1.40	1.42	1.38	1.43	1.74
SD	0.48	0.55	0.50	0.48	0.52	0.45	0.39	0.38	0.48	0.45	0.64
annual clinic stops (psych & non-psych), mean	39.09	57.76	37.61	29.97	37.15	33.89	34.96	39.32	37.89	40.12	53.12
SD	60.15	94.30	64.44	44.34	50.75	39.51	44.32	49.31	54.97	66.19	84.06
annual non-psych. clinic stops, mean	20.15	24.45	19.58	17.23	23.45	20.70	18.67	18.77	18.58	20.46	22.95
SD	26.41	28.96	30.20	20.50	29.75	23.07	21.87	23.23	23.58	30.16	36.14

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
annual psych. clinic stops (groupings below), mean	18.93	28.76	29.52	26.41	15.10	25.62	11.27	18.46	11.44	8.89	25.44	17.08
<i>SD</i>	46.26	56.76	58.21	59.71	35.82	56.36	30.74	44.79	32.19	26.01	50.23	43.87
1. general psych. clinic stops, mean	7.63	10.98	8.83	7.37	7.12	7.54	5.63	7.98	5.71	4.86	10.00	6.44
<i>SD</i>	14.33	20.27	11.52	10.23	9.80	13.91	8.40	12.04	9.89	7.56	15.09	18.09
2. psych. case management clinic stops, mean	1.44	2.91	3.68	2.30	1.09	2.17	0.80	1.38	0.61	0.21	2.39	2.09
<i>SD</i>	12.18	21.01	19.31	11.61	7.67	14.17	5.28	11.01	7.06	4.05	13.33	14.10
3. psych. day treatment clinic stops, mean	3.33	5.11	8.86	4.94	1.54	3.38	1.76	2.65	1.90	1.91	3.26	4.80
<i>SD</i>	23.81	23.24	37.53	29.62	14.13	15.46	18.97	25.26	19.19	19.34	21.47	29.22
4. substance abuse clinic stops, mean	3.52	4.00	3.48	5.11	3.11	7.74	1.32	2.30	2.21	1.29	6.63	2.30
<i>SD</i>	20.18	18.24	13.27	26.58	21.57	37.03	8.38	11.53	16.69	8.28	26.61	13.45
5. psych. vocational clinic stops, mean	1.86	4.26	2.80	4.74	1.39	3.39	1.19	2.75	0.47	0.22	1.89	0.79
<i>SD</i>	16.07	23.15	19.89	27.24	12.98	21.39	13.30	19.89	6.77	3.41	16.25	10.05
6. PTSD clinic stops, mean	0.62	0.86	1.08	0.97	0.50	0.72	0.26	1.07	0.15	0.19	0.67	0.33
<i>SD</i>	5.25	5.67	8.19	7.00	4.11	5.32	2.21	7.55	1.72	2.19	5.79	3.27
7. psych. homeless clinic stops, mean	0.48	0.61	0.49	0.92	0.34	0.65	0.26	0.31	0.22	0.19	0.59	0.30
<i>SD</i>	3.56	4.71	3.44	6.58	2.09	3.17	2.12	2.28	1.86	1.52	3.81	2.11
Other VISN OP visit days, mean	0.38	0.26	0.62	0.37	0.30	0.62	0.33	0.34	0.28	0.42	0.40	0.26
<i>SD</i>	2.47	1.99	3.75	2.48	2.02	3.64	2.04	2.36	2.16	2.57	2.72	1.73
Other station OP visit days, mean	0.95	1.61	0.62	1.13	1.17	1.28	0.85	1.05	0.53	0.59	1.07	0.98
<i>SD</i>	4.01	5.87	3.75	5.00	4.01	5.42	3.01	3.98	2.77	2.92	4.32	3.18

Table 3B: FY02 All Patients, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
annual psych. clinic stops (groupings below), mean	18.93	33.30	18.03	12.74	13.69	13.19	16.29	20.55	19.31	19.66	30.17
<i>SD</i>	46.26	79.06	46.37	32.59	33.93	27.95	32.67	38.77	44.83	49.14	64.50
1. general psych. clinic stops, mean	7.63	10.27	8.31	4.89	5.93	8.75	7.51	7.39	9.41	7.55	12.28
<i>SD</i>	14.33	19.66	18.37	7.22	13.80	17.91	14.81	11.23	16.45	14.47	22.67
2. psych. case management clinic stops, mean	1.44	4.16	0.95	0.86	1.05	0.26	2.86	1.86	0.36	0.26	1.18
<i>SD</i>	12.18	29.40	10.46	8.12	9.52	2.40	14.50	12.68	4.86	3.79	7.92
3. psych. day treatment clinic stops, mean	3.33	5.33	2.01	2.44	1.63	0.28	1.58	3.98	3.37	5.70	6.37
<i>SD</i>	23.81	37.56	18.22	21.12	14.62	4.99	7.07	20.79	18.03	35.84	32.41
4. substance abuse clinic stops, mean	3.52	8.48	3.24	2.39	2.37	2.09	2.61	4.62	4.28	2.77	5.83
<i>SD</i>	20.18	39.72	14.17	14.09	10.92	10.28	16.81	18.94	29.85	17.16	25.06
5. psych. vocational clinic stops, mean	1.86	3.53	2.80	0.83	1.86	0.98	0.63	1.14	0.70	1.71	2.92
<i>SD</i>	16.07	24.28	20.26	9.30	16.42	9.94	9.03	9.90	8.66	15.26	21.68
6. PTSD clinic stops, mean	0.62	0.71	0.61	0.56	0.33	0.47	0.56	0.87	0.65	0.89	1.00
<i>SD</i>	5.25	5.79	4.78	5.70	2.84	3.34	3.47	4.82	5.37	6.89	8.08
7. psych. homeless clinic stops, mean	0.48	0.80	0.11	0.69	0.49	0.30	0.49	0.68	0.52	0.73	0.50
<i>SD</i>	3.56	6.71	0.97	4.66	2.99	1.72	2.88	3.62	3.97	3.05	3.82
Other VISN OP visit days, mean	0.38	0.29	0.35	0.35	0.47	0.47	0.46	0.52	0.40	0.34	0.49
<i>SD</i>	2.47	2.10	2.49	2.28	2.89	2.36	2.42	3.00	2.31	2.04	3.39
Other station OP visit days, mean	0.95	1.81	0.42	0.71	0.76	0.87	0.96	1.02	1.09	0.79	1.15
<i>SD</i>	4.01	6.29	2.72	3.11	3.85	3.40	3.56	3.90	4.01	3.47	4.85

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Hospital Based Utilization</u>												
Pts. with some Hosp. Based Utilization, %	27.8%	26.9%	25.3%	27.7%	25.9%	34.0%	33.9%	29.8%	23.0%	32.8%	30.2%	28.1%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.88	1.93	2.02	1.86	1.76	2.23	2.00	1.81	1.77	1.89	1.89	1.78
SD	1.50	1.61	2.10	1.47	1.26	1.76	1.69	1.34	1.36	1.42	1.40	1.40
Average LOS, mean	18.46	29.15	14.78	24.99	22.38	17.46	23.55	18.68	8.98	26.71	13.76	32.14
SD	43.40	66.52	34.67	56.47	53.68	34.41	56.40	43.19	10.88	66.89	20.85	72.15
Cumu. DOS, mean	30.12	45.80	27.35	39.33	33.55	34.05	37.12	29.74	15.75	38.48	24.26	45.35
SD	54.72	82.72	53.92	68.76	61.55	51.60	66.59	55.79	21.27	73.30	33.14	81.54
Cumu. DOS, %												
1 to 7	33.6%	29.5%	35.9%	27.4%	31.4%	32.0%	29.4%	32.5%	43.2%	33.9%	31.3%	29.7%
8 to 14	20.9%	20.4%	21.7%	19.3%	18.9%	18.4%	21.0%	21.7%	24.5%	19.3%	22.9%	19.6%
15 to 44	29.4%	28.1%	29.2%	31.9%	31.8%	27.7%	30.9%	31.7%	25.2%	28.1%	30.6%	28.6%
45 to 89	9.5%	9.8%	7.5%	11.6%	10.7%	12.3%	9.1%	8.2%	5.6%	9.2%	11.0%	10.3%
90 to 179	3.8%	5.0%	3.3%	4.9%	3.8%	6.7%	5.1%	3.1%	1.3%	4.4%	3.4%	5.1%
180 to 359	1.6%	3.8%	1.1%	2.4%	1.6%	2.4%	2.5%	1.4%	0.1%	2.4%	0.7%	2.7%
360+	1.2%	3.4%	1.3%	2.4%	1.9%	0.4%	1.9%	1.4%	0.0%	2.8%	0.1%	3.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	4.1%	9.0%	3.3%	6.1%	4.5%	5.7%	6.5%	4.3%	0.5%	6.9%	2.1%	8.5%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	249.27	279.75	265.52	269.86	277.62	192.64	255.41	253.33	169.10	277.05	175.36	283.01
SD	95.40	92.91	114.09	97.11	95.17	75.46	89.54	99.07	76.35	92.21	61.43	92.87
Hosp. pts. who had a 150+ day hosp. stay, %	2.8%	6.8%	2.0%	4.4%	3.5%	2.3%	5.0%	3.0%	0.1%	5.2%	1.0%	6.8%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	293.24	318.99	339.21	313.24	316.29	255.13	285.81	300.59	243.67	316.27	214.64	317.18
SD	77.34	61.96	54.37	69.20	68.56	75.97	77.51	79.19	106.14	65.97	65.22	69.87
Cumu. DOS at Other VISNs	0.70	0.33	1.14	0.50	0.83	0.88	0.71	0.84	0.39	0.59	0.50	0.54
SD	5.06	2.82	7.24	3.24	7.16	5.41	6.44	4.98	3.14	3.36	3.65	4.39
Cumu. DOS at Other Stations	2.13	2.50	1.14	3.23	3.25	2.96	2.55	2.39	0.74	1.16	2.14	2.31
SD	8.45	8.53	7.24	10.67	11.25	10.31	10.69	7.52	4.16	5.29	7.24	8.37

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Hospital Based Utilization</u>											
Pts. with some Hosp. Based Utilization, %	27.8%	28.7%	30.3%	29.9%	30.6%	25.8%	27.1%	27.0%	22.2%	24.9%	25.6%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.88	2.02	1.95	1.86	1.95	1.91	1.89	1.81	1.97	1.76	1.70
<i>SD</i>	1.50	1.84	1.50	1.44	1.65	1.54	1.41	1.46	1.58	1.43	1.20
Average LOS, mean	18.46	19.71	15.24	15.06	24.75	8.78	15.93	10.23	12.48	16.28	9.49
<i>SD</i>	43.40	48.00	29.60	23.47	58.30	8.76	26.82	13.47	16.35	25.33	9.95
Cumu. DOS, mean	30.12	30.85	26.31	26.96	38.73	17.12	29.98	18.57	25.41	27.10	15.91
<i>SD</i>	54.72	56.73	40.81	38.77	69.11	26.30	45.81	28.47	38.89	40.38	20.56
Cumu. DOS, %											
1 to 7	33.6%	33.6%	31.5%	32.2%	30.6%	39.6%	32.3%	38.6%	35.7%	35.8%	44.1%
8 to 14	20.9%	21.3%	22.2%	19.8%	19.8%	26.2%	17.6%	25.0%	21.0%	18.6%	19.8%
15 to 44	29.4%	30.1%	31.3%	30.3%	28.8%	26.5%	31.4%	28.1%	28.0%	27.4%	29.9%
45 to 89	9.5%	7.1%	9.5%	12.6%	10.9%	6.1%	12.7%	5.6%	9.6%	12.1%	5.2%
90 to 179	3.8%	4.8%	3.6%	3.9%	4.7%	1.0%	3.8%	2.4%	4.3%	4.5%	0.8%
180 to 359	1.6%	1.8%	1.7%	1.1%	2.9%	0.4%	1.8%	0.2%	1.3%	1.5%	0.1%
360+	1.2%	1.3%	0.2%	0.1%	2.3%	0.1%	0.4%	0.1%	0.0%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. pts. with a 100+ day Hosp. stay, %	4.1%	5.4%	3.1%	2.1%	6.6%	0.6%	3.1%	1.2%	2.0%	2.9%	0.3%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	249.27	230.00	194.19	207.77	261.52	253.00	222.94	187.00	208.00	183.90	205.00
<i>SD</i>	95.40	90.66	76.74	76.95	91.69	90.73	77.22	83.00	72.03	70.15	88.50
Hosp. pts. who had a 150+ day hosp. stay, %	2.8%	4.2%	1.9%	1.1%	5.4%	0.1%	1.8%	0.5%	0.9%	1.2%	0.2%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	293.24	250.94	237.36	246.60	285.80	365.00	264.70	251.20	233.75	229.06	237.00
<i>SD</i>	77.34	86.92	67.37	73.17	79.35	0.00	70.85	81.03	45.66	66.79	97.58
Cumu. DOS at Other VISNs	0.70	0.38	0.57	0.75	1.11	0.85	1.11	0.66	1.02	0.95	0.71
<i>SD</i>	5.06	2.75	3.80	5.83	6.52	5.13	6.68	3.67	5.95	6.13	5.98
Cumu. DOS at Other Stations	2.13	2.54	0.72	1.75	2.01	2.01	4.47	2.02	2.96	1.97	1.30
<i>SD</i>	8.45	7.98	4.34	7.88	9.03	7.52	13.94	7.51	9.42	8.78	6.98

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Hospital based utilization: Non-Psych</u> (non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	12.0%	11.9%	12.4%	13.2%	11.2%	14.8%	11.6%	13.2%	13.0%	14.1%	13.4%	10.6%
Inpatient stays, mean	0.69	0.68	0.76	0.81	0.69	0.77	0.52	0.70	0.90	0.75	0.75	0.62
SD	1.11	1.05	1.05	1.23	1.06	1.22	0.97	1.09	1.16	1.23	1.17	1.12
Average LOS, mean	9.90	12.22	6.76	10.98	7.85	10.73	13.72	11.31	8.40	14.49	12.28	9.03
SD	21.59	28.03	8.09	22.18	16.12	23.34	30.47	21.05	11.89	34.24	27.55	20.78
Cumu. Days of Stay, mean	6.74	7.67	5.19	8.64	5.63	8.07	6.66	7.30	7.85	9.53	8.22	5.46
SD	21.52	23.73	11.40	22.75	19.43	26.33	25.22	21.52	18.01	29.94	24.84	18.16
Cumu. Days of Stay, %												
0	56.9%	55.8%	51.1%	52.2%	56.8%	56.6%	65.8%	55.8%	43.5%	57.2%	55.6%	62.4%
1 to 7	23.9%	23.3%	29.2%	22.3%	26.8%	23.8%	18.5%	24.8%	30.2%	21.7%	21.7%	20.0%
8 to 14	7.8%	9.9%	9.3%	9.0%	7.1%	7.4%	5.6%	6.7%	11.2%	5.9%	9.1%	7.9%
15 to 44	8.3%	6.9%	9.1%	12.3%	7.2%	8.3%	6.8%	8.8%	11.4%	9.8%	9.1%	7.6%
45 to 89	2.0%	2.3%	0.9%	3.0%	1.4%	2.1%	1.9%	2.6%	2.8%	3.5%	3.0%	1.5%
90 to 179	0.8%	1.4%	0.4%	0.9%	0.5%	1.4%	0.8%	1.1%	0.6%	1.2%	1.1%	0.4%
180 to 359	0.3%	0.4%	0.0%	0.3%	0.3%	0.2%	0.6%	0.1%	0.1%	0.6%	0.4%	0.2%
360+	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.7%	1.0%	0.3%	0.7%	0.5%	1.3%	1.0%	0.9%	0.3%	1.5%	1.1%	0.4%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	195.92	173.08	118.00	192.00	218.38	178.54	213.43	168.63	188.14	202.29	189.27	223.80
SD	80.06	71.08	9.90	82.14	87.09	87.66	70.72	80.10	85.52	86.02	77.31	84.48
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.4%	0.3%	0.0%	0.4%	0.3%	0.6%	0.9%	0.4%	0.1%	0.8%	0.7%	0.3%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	243.57	268.75	0.00	235.29	271.60	241.50	225.58	208.88	243.67	267.33	229.22	245.25
SD	72.21	36.31	0.00	71.25	59.42	96.83	68.75	97.02	106.14	65.80	76.50	80.31
Other VISN cumu. DOS, mean	0.14	0.04	0.29	0.09	0.30	0.24	0.06	0.11	0.11	0.19	0.08	0.15
SD	2.26	0.55	4.60	1.68	5.00	2.50	0.75	1.98	1.65	1.67	1.00	2.46
Other station cumu. DOS, mean	0.55	0.86	0.29	1.41	0.79	0.51	0.44	0.60	0.28	0.22	0.82	0.70
SD	4.07	4.67	4.60	7.58	5.95	3.74	3.51	3.62	2.71	1.83	4.86	4.36

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	12.0%	12.8%	12.1%	11.4%	12.5%	12.1%	12.2%	11.2%	9.0%	9.2%	10.7%
Inpatient stays, mean	0.69	0.73	0.64	0.59	0.65	0.79	0.70	0.67	0.66	0.57	0.62
SD	1.11	1.12	1.04	0.99	1.09	1.18	1.07	1.13	1.12	1.09	0.98
Average LOS, mean	9.90	11.27	8.17	9.56	12.49	6.47	10.32	6.98	7.31	8.82	6.10
SD	21.59	30.53	17.83	17.83	33.42	9.19	19.03	15.24	11.31	15.99	6.62
Cumu. Days of Stay, mean	6.74	7.68	5.24	5.84	7.66	5.91	7.37	4.72	5.65	5.25	3.84
SD	21.52	26.39	18.49	19.35	27.83	21.83	20.79	15.96	19.71	17.53	8.46
Cumu. Days of Stay, %											
0	56.9%	55.5%	60.0%	61.9%	59.2%	53.2%	55.2%	58.7%	59.3%	63.1%	58.1%
1 to 7	23.9%	25.8%	23.5%	20.8%	22.4%	28.3%	23.8%	26.2%	24.3%	21.0%	26.7%
8 to 14	7.8%	7.6%	7.5%	7.2%	7.1%	9.3%	7.6%	6.5%	7.9%	6.4%	7.8%
15 to 44	8.3%	7.4%	7.1%	7.2%	7.3%	7.6%	10.3%	7.6%	6.3%	6.7%	6.8%
45 to 89	2.0%	1.9%	1.0%	2.0%	2.3%	1.0%	1.8%	0.3%	1.3%	1.9%	0.7%
90 to 179	0.8%	1.3%	0.6%	0.7%	0.9%	0.3%	0.9%	0.5%	0.5%	0.6%	0.0%
180 to 359	0.3%	0.5%	0.2%	0.0%	0.5%	0.3%	0.4%	0.1%	0.4%	0.3%	0.0%
360+	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.7%	1.2%	0.4%	0.3%	1.0%	0.6%	0.9%	0.4%	0.4%	0.3%	0.0%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	195.92	195.00	201.00	215.71	232.09	253.00	168.00	179.25	200.75	205.60	0.00
SD	80.06	74.86	96.32	114.22	93.00	90.73	40.85	80.08	68.54	57.16	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.4%	0.8%	0.3%	0.1%	0.8%	0.1%	0.4%	0.2%	0.3%	0.3%	0.0%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	243.57	228.44	248.00	332.67	259.44	365.00	212.00	235.50	234.33	226.00	0.00
SD	72.21	64.59	101.36	55.14	78.61	0.00	8.49	79.90	16.74	39.77	0.00
Other VISN cumu. DOS, mean	0.14	0.04	0.10	0.09	0.22	0.08	0.38	0.17	0.17	0.11	0.11
SD	2.26	0.61	1.85	1.28	2.69	1.24	5.45	1.73	1.82	1.28	1.31
Other station cumu. DOS, mean	0.55	0.57	0.11	0.35	0.33	0.47	0.99	0.44	0.57	0.31	0.46
SD	4.07	3.06	1.87	2.70	3.10	3.51	6.95	2.84	3.07	2.48	3.43

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Hospital based utilization: Psych.</u>												
(psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	18.6%	18.1%	16.5%	17.2%	16.9%	24.0%	26.1%	19.9%	12.1%	22.2%	20.3%	20.4%
Inpatient stays, mean	1.18	1.25	1.26	1.06	1.07	1.46	1.48	1.11	0.87	1.14	1.14	1.15
SD	1.42	1.56	1.94	1.29	1.22	1.64	1.67	1.24	1.25	1.28	1.29	1.26
Average LOS, mean	23.32	40.23	20.70	34.72	31.15	20.47	27.15	23.10	9.37	33.16	14.87	41.69
SD	51.07	80.65	45.08	69.25	64.93	37.78	62.70	51.32	9.42	77.90	18.09	82.01
Cumu. Days of Stay, mean	23.39	38.13	22.16	30.76	27.92	25.98	30.46	22.45	7.90	28.95	16.04	39.89
SD	52.25	80.70	53.19	67.61	60.56	47.77	63.60	53.43	14.98	69.95	25.42	81.54
Cumu. Days of Stay, %												
0	32.9%	32.7%	34.9%	37.9%	34.8%	29.6%	23.0%	33.2%	47.4%	32.3%	32.8%	27.6%
1 to 7	17.4%	13.4%	17.2%	11.1%	11.6%	18.2%	18.6%	16.5%	20.9%	19.4%	17.5%	17.1%
8 to 14	15.2%	13.3%	15.2%	13.3%	12.9%	14.7%	18.2%	16.9%	15.0%	16.1%	17.2%	13.7%
15 to 44	22.0%	23.1%	21.6%	21.4%	25.1%	20.5%	25.0%	23.6%	13.5%	19.4%	22.8%	22.4%
45 to 89	7.3%	7.4%	5.9%	7.9%	9.3%	9.7%	7.4%	5.6%	2.5%	5.5%	7.5%	8.4%
90 to 179	2.8%	3.4%	3.0%	4.1%	3.0%	5.0%	4.0%	1.8%	0.6%	2.9%	1.9%	4.6%
180 to 359	1.3%	3.6%	1.3%	2.1%	1.3%	2.1%	1.8%	1.3%	0.0%	1.7%	0.4%	2.3%
360+	1.1%	3.2%	0.9%	2.1%	1.8%	0.2%	1.9%	1.2%	0.0%	2.7%	0.0%	3.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	3.4%	8.1%	3.0%	5.5%	4.0%	4.4%	5.5%	3.4%	0.1%	5.4%	1.0%	8.2%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	255.38	284.63	274.86	273.16	283.60	194.49	258.46	270.16	124.67	294.00	152.31	282.23
SD	96.12	88.39	108.56	96.34	96.24	73.49	94.04	94.20	7.64	88.01	27.06	95.34
Hosp. Pts. with a 150+ day psych hosp.stay, %	2.4%	6.5%	2.0%	4.1%	3.1%	1.7%	4.2%	2.6%	0%	4.5%	.4%	6.5%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	298.15	314.81	334.57	316.46	320.32	258.41	293.43	311.96	0.00	323.41	178.60	318.97
SD	76.40	63.47	54.46	66.31	68.87	72.28	78.88	67.83	0.00	64.29	16.56	70.16
Other VISN cumu. DOS, mean	0.56	0.29	0.85	0.40	0.53	0.64	0.65	0.73	0.28	0.40	0.42	0.39
SD	4.45	2.76	5.62	2.78	5.13	4.18	6.38	4.53	2.64	2.74	3.48	3.65
Other station cumu. DOS, mean	1.58	1.64	0.85	1.82	2.47	2.45	2.11	1.79	0.46	0.94	1.32	1.61
SD	7.38	6.99	5.62	7.59	9.68	9.32	10.16	6.59	3.17	4.85	5.51	7.25

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Hospital based utilization: Psych.</u>											
(psych- for those with some hosp.based util.)											
	18.6%	19.0%	21.8%	21.2%	21.2%	16.3%	18.0%	18.5%	15.4%	17.6%	17.0%
Inpatient stays, mean	1.18	1.29	1.32	1.27	1.30	1.11	1.19	1.14	1.31	1.18	1.08
SD	1.42	1.74	1.46	1.41	1.60	1.37	1.33	1.33	1.46	1.34	1.19
Average LOS, mean	23.32	24.26	18.48	17.67	30.32	10.21	19.71	12.18	15.34	19.89	11.39
SD	51.07	55.22	33.43	25.33	65.05	8.07	29.63	13.12	18.19	27.96	11.16
Cumu. Days of Stay, mean	23.39	23.17	21.07	21.11	31.06	11.21	22.61	13.84	19.75	21.84	12.07
SD	52.25	52.92	38.24	35.63	66.22	17.76	42.43	25.18	33.35	38.10	20.69
Cumu. Days of Stay, %											
0	32.9%	33.7%	28.2%	29.0%	30.7%	37.0%	33.8%	31.6%	30.4%	29.2%	33.7%
1 to 7	17.4%	16.5%	18.0%	18.1%	15.6%	19.6%	15.2%	20.3%	19.0%	20.5%	24.8%
8 to 14	15.2%	15.5%	16.6%	14.2%	14.3%	19.2%	12.3%	20.5%	15.2%	13.4%	14.2%
15 to 44	22.0%	23.4%	24.7%	24.2%	23.1%	18.8%	24.5%	20.6%	22.9%	22.0%	22.2%
45 to 89	7.3%	5.2%	8.0%	10.6%	8.7%	4.6%	10.0%	5.1%	8.2%	10.0%	4.2%
90 to 179	2.8%	3.2%	3.0%	3.0%	3.3%	0.7%	2.7%	1.6%	3.7%	3.7%	0.8%
180 to 359	1.3%	1.2%	1.4%	0.9%	2.4%	0.1%	1.1%	0.1%	0.6%	1.1%	0.1%
360+	1.1%	1.3%	0.1%	0.0%	2.1%	0.0%	0.4%	0.1%	0.0%	0.1%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	3.4%	4.2%	2.7%	1.8%	5.6%	0.0%	2.2%	0.8%	1.6%	2.6%	0.3%
Cumul. DOS, pts. with a 100+ day hosp. stay, mean	255.38	237.81	191.84	201.13	265.29	0.00	240.75	184.57	182.07	178.54	205.00
SD	96.12	93.40	75.85	72.03	93.39	0.00	82.17	93.98	51.47	67.81	88.50
Hosp. Pts. with a 150+ day psych hosp.stay, %	2.4%	3.4%	1.6%	1.0%	4.6%	0.0%	1.5%	0.3%	0.5%	1.0%	0.2%
Cumul. DOS, pts. with a 150+ day hosp. stay, mean	298.15	254.42	235.05	234.59	290.43	0.00	275.63	261.33	224.40	223.57	237.00
SD	76.40	91.81	64.72	68.13	79.37	0.00	75.54	98.08	53.37	67.26	97.58
Other VISN cumu. DOS, mean	0.56	0.33	0.48	0.66	0.89	0.77	0.73	0.48	0.85	0.84	0.60
SD	4.45	2.56	3.29	5.55	5.58	4.79	3.87	3.15	5.49	6.01	5.85
Other station cumu. DOS, mean	1.58	1.97	0.61	1.40	1.68	1.54	3.48	1.58	2.39	1.65	0.85
SD	7.38	7.22	3.84	7.34	8.24	6.45	12.30	6.88	8.90	8.45	6.14

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
Other 24 hour institutional care												
Pts. with some other 24 hour institutional care, %	7.7%	7.7%	9.7%	11.0%	10.5%	11.4%	6.8%	4.6%	3.3%	6.5%	15.2%	6.0%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
Pts. with some residential rehab. care, %	1.4%	1.5%	2.7%	2.1%	1.6%	1.9%	0.9%	0.0%	0.9%	0.7%	5.7%	1.3%
Number stays, mean	1.11	1.01	1.09	1.09	1.04	1.17	1.08	1.00	1.08	1.00	1.11	1.27
<i>SD</i>	0.34	0.12	0.29	0.29	0.20	0.38	0.27	0.00	0.28	0.00	0.32	0.51
Average LOS, mean	42.65	134.71	32.36	50.51	61.70	41.29	23.61	4.00	53.58	13.96	22.86	57.43
<i>SD</i>	61.05	146.71	31.36	61.47	85.99	47.33	11.42	0.00	34.94	14.91	24.55	73.95
Cumu. DOS, mean	46.16	135.00	33.99	53.29	62.75	46.37	24.63	4.00	57.22	13.96	25.53	71.45
<i>SD</i>	63.21	146.50	31.62	62.22	85.91	49.32	11.00	0.00	36.52	14.91	28.27	84.30
Cumu. Days of Stay, %												
1 to 7	14.5%	6.7%	9.5%	14.3%	9.1%	14.8%	10.5%	100.0%	9.6%	39.1%	24.6%	7.8%
8 to 14	12.1%	9.3%	14.9%	10.1%	13.1%	18.5%	7.9%	0.0%	6.0%	34.8%	18.8%	10.9%
15 to 44	45.2%	30.7%	51.4%	37.8%	48.5%	31.5%	76.3%	0.0%	24.1%	21.7%	43.1%	35.9%
45 to 89	15.2%	16.0%	20.3%	16.0%	7.1%	14.8%	5.3%	0.0%	26.5%	4.3%	8.1%	18.8%
90 to 179	8.9%	8.0%	2.7%	19.3%	10.1%	16.7%	0.0%	0.0%	33.7%	0.0%	5.0%	17.2%
180 to 359	2.2%	5.3%	1.4%	0.8%	9.1%	3.7%	0.0%	0.0%	0.0%	0.0%	0.4%	6.3%
360+	1.9%	24.0%	0.0%	1.7%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	8.9%	37.3%	4.1%	16.8%	20.2%	13.0%	0.0%	0.0%	6.0%	0.0%	2.3%	20.3%
Cumul. DOS, pts. w/ a 100+ day Res Rehab. stay, mean	208.85	306.89	160.33	159.85	208.90	147.29	0.00	0.00	110.20	0.00	142.83	208.31
<i>SD</i>	98.40	96.16	36.02	74.07	89.64	36.76	0.00	0.00	12.60	0.00	29.50	91.93
Res Rehab pts. with 150+ day Res Rehab stay, %	5.3%	30.7%	2.7%	9.2%	14.1%	5.6%	0.0%	0.0%	0.0%	0.0%	0.4%	10.9%
Cumul. DOS, pts w/ 150+ day Res Rehab stay, mean	265.22	347.00	178.00	197.27	246.50	184.00	0.00	0.00	0.00	0.00	193.00	255.14
<i>SD</i>	89.20	43.70	26.87	83.10	81.10	21.00	0.00	0.00	0.00	0.00	0.00	86.35
Other VISN cumu. DOS, mean	0.70	0.09	0.99	0.06	0.40	1.13	0.34	4.00	0.45	6.70	0.17	0.95
<i>SD</i>	4.80	0.81	4.24	0.64	1.95	5.01	1.68	0.00	2.36	16.51	1.76	7.63
Other station cumu. DOS, mean	2.78	2.85	0.99	3.55	2.85	6.61	3.26	4.00	1.39	6.70	0.81	2.42
<i>SD</i>	10.14	10.73	4.24	15.80	6.62	17.84	8.45	0.00	6.14	16.51	3.52	9.28

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
Other 24 hour institutional care											
Pts. with some other 24 hour institutional care, %	7.7%	14.6%	5.1%	3.7%	9.8%	4.8%	4.4%	8.8%	4.4%	7.8%	13.6%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
Pts. with some residential rehab. care, %	1.4%	4.4%	0.6%	0.4%	1.4%	0.3%	1.7%	1.5%	0.1%	0.0%	1.4%
Number stays, mean	1.11	1.20	1.13	1.06	1.02	1.22	1.06	1.10	1.33	1.00	1.12
SD	0.34	0.48	0.45	0.24	0.14	0.67	0.24	0.30	0.58	0.00	0.39
Average LOS, mean	42.65	31.11	89.35	20.55	20.02	20.33	47.04	23.38	32.33	30.00	33.95
SD	61.05	21.04	81.63	11.41	16.49	22.79	24.88	28.11	29.87	0.00	21.97
Cumu. DOS, mean	46.16	37.05	95.33	21.94	20.24	35.00	49.56	25.90	35.33	30.00	39.08
SD	63.21	32.45	82.86	14.32	16.44	62.95	27.79	29.59	26.63	0.00	32.09
Cumu. Days of Stay, %											
1 to 7	14.5%	8.8%	8.3%	18.2%	16.3%	44.4%	5.9%	20.0%	0.0%	0.0%	12.2%
8 to 14	12.1%	5.3%	4.2%	12.1%	12.2%	0.0%	5.9%	14.0%	0.0%	0.0%	10.2%
15 to 44	45.2%	60.8%	25.0%	63.6%	65.3%	33.3%	41.2%	58.0%	66.7%	100.0%	42.9%
45 to 89	15.2%	21.1%	25.0%	6.1%	6.1%	11.1%	44.1%	6.0%	33.3%	0.0%	28.6%
90 to 179	8.9%	3.5%	20.8%	0.0%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	6.1%
180 to 359	2.2%	0.6%	16.7%	0.0%	0.0%	11.1%	0.0%	2.0%	0.0%	0.0%	0.0%
360+	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	8.9%	1.8%	37.5%	0.0%	0.0%	11.1%	0.0%	2.0%	0.0%	0.0%	2.0%
Cumul. DOS, pts. with a 100+ day C.C. stay, mean	208.85	193.33	187.11	0.00	0.00	198.00	0.00	203.00	0.00	0.00	174.00
SD	98.40	140.40	59.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Res Rehab pts w/ 150+ day Res Rehab stay, %	5.3%	0.6%	25.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%
Cumul. DOS, pts w/ 150+ day C.C. stay, mean	265.22	355.00	208.83	0.00	0.00	0.00	0.00	203.00	0.00	0.00	0.00
SD	89.20	0.00	57.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other VISN cumu. DOS, mean	0.70	0.18	2.50	3.21	0.02	0.00	0.00	1.04	6.00	30.00	2.47
SD	4.80	2.09	8.48	8.72	0.14	0.00	0.00	5.16	10.39	0.00	12.26
Other station cumu. DOS, mean	2.78	3.84	3.38	4.64	0.47	2.44	2.97	4.64	6.00	30.00	4.61
SD	10.14	11.72	9.25	10.77	3.14	6.97	9.84	11.33	10.39	0.00	14.56

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Domiciliary and Vocational</u>												
(reported for those with some dom/voc care)												
pts. with some dom/voc care, %	2.4%	1.0%	2.2%	3.1%	3.5%	5.9%	2.4%	1.8%	0.2%	2.1%	4.0%	0.0%
Number stays, mean	1.11	1.23	1.25	1.17	1.09	1.11	1.14	1.08	1.12	1.11	1.09	1.00
SD	0.34	0.42	0.47	0.45	0.30	0.31	0.38	0.27	0.33	0.31	0.30	0.00
Average LOS, mean	99.50	164.06	65.50	75.23	32.67	142.79	32.98	55.90	84.65	143.66	49.09	31.00
SD	112.78	133.54	53.59	68.41	33.49	131.21	25.01	62.06	84.22	127.17	80.69	9.90
Cumu. DOS, mean	105.58	187.88	79.30	83.06	36.10	150.17	37.43	59.06	88.94	151.88	51.28	31.00
SD	114.35	138.34	68.72	70.71	38.25	130.91	29.44	63.28	84.76	126.57	80.73	9.90
Cumu. Days of Stay, %												
1 to 7	7.7%	4.2%	13.1%	5.6%	10.6%	7.0%	11.0%	4.3%	0.0%	6.8%	12.0%	0.0%
8 to 14	7.2%	4.2%	6.6%	4.5%	13.0%	2.9%	15.0%	8.7%	17.6%	2.7%	14.2%	0.0%
15 to 44	28.5%	12.5%	16.4%	31.8%	56.5%	15.2%	38.0%	42.6%	29.4%	17.6%	46.4%	100.0%
45 to 89	19.4%	14.6%	29.5%	20.7%	7.9%	18.1%	31.0%	25.2%	11.8%	17.6%	18.0%	0.0%
90 to 179	17.0%	18.8%	24.6%	25.1%	10.6%	26.9%	5.0%	13.9%	23.5%	17.6%	3.3%	0.0%
180 to 359	9.3%	20.8%	9.8%	11.2%	1.4%	7.6%	0.0%	3.5%	17.6%	18.9%	1.1%	0.0%
360+	10.9%	25.0%	0.0%	1.1%	0.0%	22.2%	0.0%	1.7%	0.0%	18.9%	4.9%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %	32.9%	62.5%	29.5%	32.4%	6.5%	50.3%	1.0%	13.9%	41.2%	52.7%	8.2%	0.0%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean	241.68	275.83	164.61	167.53	144.57	250.47	120.00	177.50	173.29	249.26	293.33	0.00
SD	101.75	95.63	59.77	57.10	32.15	112.13	0.00	83.86	66.04	96.99	103.04	0.00
Dom. pts. with 150+ day Dom. stay, %	23.0%	50.0%	13.1%	15.6%	2.3%	32.7%	0.0%	7.0%	17.6%	39.2%	7.1%	0.0%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean	290.90	310.92	215.88	209.29	181.60	318.29	0.00	237.00	234.67	289.38	318.54	0.00
SD	81.12	68.81	52.09	51.75	14.62	74.98	0.00	82.50	51.64	78.44	84.80	0.00
Other VISN cumu. DOS, mean	1.41	3.10	5.02	1.38	1.82	1.78	1.14	1.30	9.35	2.65	0.00	31.00
SD	7.88	9.37	12.72	6.48	10.34	7.49	6.84	8.62	13.09	14.58	0.00	9.90
Other station cumu. DOS, mean	3.61	4.92	5.02	7.67	7.91	5.86	1.99	2.64	9.35	2.78	0.52	31.00
SD	13.59	14.26	12.72	21.17	16.09	19.09	8.22	10.44	13.09	14.59	3.61	9.90

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Domiciliary and Vocational</u>											
(reported for those with some dom/voc care)											
Pts. with some dom/voc care, %	2.4%	3.4%	1.6%	1.1%	6.0%	1.4%	0.3%	4.6%	0.4%	3.6%	4.8%
Number stays, mean	1.11	1.05	1.03	1.05	1.15	1.05	1.17	1.08	1.00	1.10	1.18
SD	0.34	0.26	0.18	0.21	0.37	0.22	0.41	0.27	0.00	0.29	0.45
Average LOS, mean	99.50	140.89	126.98	79.79	164.65	139.66	15.83	180.85	71.17	93.76	80.30
SD	112.78	144.58	114.48	85.26	137.14	122.26	16.06	146.21	67.84	77.57	107.15
Cumu. DOS, mean	105.58	143.11	130.58	81.46	175.38	142.50	17.17	187.63	71.17	99.74	86.39
SD	114.35	143.84	116.79	84.89	135.93	121.24	15.60	146.41	67.84	79.63	108.19
Cumu. Days of Stay, %											
1 to 7	7.7%	10.0%	4.8%	7.1%	4.7%	0.0%	16.7%	4.5%	11.1%	7.7%	10.7%
8 to 14	7.2%	8.5%	6.5%	2.4%	2.3%	5.0%	33.3%	4.5%	5.6%	4.3%	9.5%
15 to 44	28.5%	21.5%	19.4%	35.7%	12.6%	12.5%	33.3%	17.8%	27.8%	17.2%	33.9%
45 to 89	19.4%	14.6%	17.7%	23.8%	20.5%	32.5%	16.7%	13.4%	16.7%	26.3%	19.0%
90 to 179	17.0%	11.5%	24.2%	20.2%	19.1%	25.0%	0.0%	13.4%	33.3%	26.8%	12.5%
180 to 359	9.3%	9.2%	14.5%	8.3%	16.3%	7.5%	0.0%	14.0%	5.6%	17.7%	4.8%
360+	10.9%	24.6%	12.9%	2.4%	24.7%	17.5%	0.0%	32.5%	0.0%	0.0%	9.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts. with 100+ day Dom. stay, %	32.9%	43.1%	48.4%	27.4%	54.0%	42.5%	0.0%	59.2%	22.2%	38.8%	23.2%
Cumul. DOS, pts. with a 100+ day Dom. stay, mean	241.68	286.73	226.63	189.96	281.78	254.41	0.00	292.14	169.25	182.65	253.18
SD	101.75	102.32	96.03	92.48	93.47	106.30	0.00	94.16	69.29	59.80	108.29
Dom. pts. with 150+ day Dom. stay, %	23.0%	35.4%	35.5%	13.1%	45.6%	30.0%	0.0%	49.0%	11.1%	23.4%	16.7%
Cumul. DOS, pts. with a 150+ day Dom. stay, mean	290.90	322.28	262.55	263.27	309.29	307.00	0.00	324.65	218.00	216.33	304.89
SD	81.12	73.79	87.24	84.81	73.20	78.47	0.00	66.68	66.47	52.71	81.05
Other VISN cumu. DOS, mean	1.41	0.17	4.34	0.55	0.58	3.23	17.17	0.55	3.61	0.27	1.14
SD	7.88	1.84	17.83	4.28	3.60	13.15	15.60	4.14	9.33	3.28	7.31
Other station cumu. DOS, mean	3.61	6.73	4.34	0.93	2.07	3.50	17.17	1.44	3.61	0.30	1.41
SD	13.59	21.78	17.83	5.49	11.05	13.19	15.60	7.94	9.33	3.30	7.59

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Pts. with some nursing home care, %	4.3%	5.5%	5.5%	6.4%	5.7%	4.2%	3.5%	2.8%	2.3%	3.9%	7.1%	4.6%
Number stays, mean	1.19	1.24	1.25	1.15	1.13	1.20	1.19	1.10	1.20	1.31	1.16	1.16
<i>SD</i>	0.53	0.57	0.61	0.44	0.42	0.53	0.48	0.30	0.44	0.69	0.45	0.45
Average LOS, mean	141.80	160.08	101.28	211.46	151.34	132.50	158.04	160.71	84.18	107.00	117.28	195.11
<i>SD</i>	136.28	146.72	124.59	136.43	141.66	133.67	140.70	137.66	99.14	126.65	118.52	152.51
Cumu. DOS, mean	153.64	176.62	116.49	228.05	159.27	143.48	167.27	169.34	95.12	117.39	126.90	207.11
<i>SD</i>	138.74	149.36	132.70	135.84	141.69	134.43	139.54	140.62	106.88	128.75	120.79	151.39
Cumu. Days of Stay, %												
1 to 7	6.9%	11.5%	10.5%	2.7%	9.4%	11.5%	7.0%	6.8%	7.3%	5.2%	4.4%	5.4%
8 to 14	7.8%	5.9%	14.5%	3.5%	7.4%	9.0%	7.0%	6.8%	13.7%	8.9%	9.0%	8.9%
15 to 44	19.6%	14.8%	23.7%	6.0%	14.8%	16.4%	17.6%	19.3%	26.9%	37.8%	21.5%	14.3%
45 to 89	13.7%	10.4%	13.2%	11.4%	14.5%	13.9%	11.3%	10.8%	16.4%	13.3%	19.0%	7.1%
90 to 179	14.8%	13.0%	11.2%	18.2%	15.9%	12.3%	14.8%	13.1%	17.8%	8.1%	18.7%	9.4%
180 to 359	15.3%	14.1%	11.8%	19.0%	12.8%	18.9%	18.3%	18.8%	11.4%	12.6%	15.3%	17.0%
360+	21.9%	30.4%	15.1%	39.1%	25.3%	18.0%	23.9%	24.4%	6.4%	14.1%	12.1%	37.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %	48.1%	54.8%	33.6%	71.5%	51.4%	46.7%	54.2%	54.0%	32.0%	34.8%	40.8%	62.1%
Cumul. DOS, pts. with a 100+ day NH stay, mean	278.26	296.48	284.22	297.61	276.42	266.54	277.23	282.39	223.69	274.32	247.54	314.59
<i>SD</i>	94.88	90.41	92.16	91.16	99.46	93.30	92.80	89.61	99.40	93.96	97.20	76.86
NH pts. with 150+ day NH stay, %	39.5%	47.4%	26.3%	60.6%	41.2%	37.7%	45.1%	48.3%	19.6%	30.4%	29.9%	56.3%
Cumul. DOS, pts. with a 150+ day NH stay, mean	309.59	319.77	321.25	326.17	312.46	299.52	304.22	300.88	287.35	296.98	290.93	331.37
<i>SD</i>	72.40	71.13	62.25	64.52	73.82	70.72	75.13	75.24	73.08	77.45	75.05	57.36
Other VISN cumu. DOS, mean	0.36	0.45	0.00	0.02	0.34	0.92	0.04	0.44	0.78	1.15	0.08	0.67
<i>SD</i>	4.81	5.25	0.00	0.37	3.41	7.66	0.35	5.80	8.86	10.53	1.45	6.02
Other station cumu. DOS, mean	1.04	0.89	0.00	1.63	1.21	0.92	0.86	0.74	1.04	1.25	1.25	1.47
<i>SD</i>	8.44	7.31	0.00	12.69	7.53	7.66	6.12	6.65	9.25	10.56	8.59	8.37

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Pts. with some nursing home care, %	2.4%	3.4%	1.6%	1.1%	6.0%	1.4%	0.3%	4.6%	0.4%	3.6%	4.8%
Number stays, mean	1.19	1.08	1.21	1.22	1.10	1.23	1.36	1.18	1.60	1.15	1.15
SD	0.53	0.30	0.55	0.48	0.33	0.52	0.48	0.50	1.22	0.41	0.47
Average LOS, mean	141.80	175.18	115.89	129.64	134.21	76.58	131.96	92.59	92.24	107.90	157.40
SD	136.28	147.22	130.48	126.85	125.75	99.91	112.38	108.68	99.86	115.19	143.41
Cumu. DOS, mean	153.64	180.44	123.25	141.11	141.03	88.87	181.46	99.90	118.69	118.36	167.75
SD	138.74	146.97	130.76	128.93	127.36	110.50	145.30	108.90	112.72	120.28	144.53
Cumu. Days of Stay, %											
1 to 7	6.9%	7.7%	5.9%	6.6%	6.1%	10.3%	8.0%	9.1%	6.7%	4.9%	6.0%
8 to 14	7.8%	5.7%	11.0%	6.0%	9.6%	13.8%	4.0%	11.1%	4.9%	7.3%	6.7%
15 to 44	19.6%	20.7%	27.1%	22.9%	16.5%	27.6%	10.0%	27.3%	23.3%	28.5%	17.0%
45 to 89	13.7%	8.4%	16.1%	11.4%	16.5%	19.5%	20.0%	13.1%	17.2%	17.5%	15.6%
90 to 179	14.8%	8.0%	13.6%	19.3%	18.3%	12.6%	12.0%	17.2%	22.1%	15.9%	14.5%
180 to 359	15.3%	18.4%	10.2%	16.3%	19.1%	8.0%	16.0%	15.2%	19.6%	13.8%	12.4%
360+	21.9%	31.1%	16.1%	17.5%	13.9%	8.0%	30.0%	7.1%	6.1%	12.2%	27.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts. with 100+ day NH stay, %	48.1%	56.5%	36.4%	48.2%	47.8%	23.0%	56.0%	31.3%	36.2%	36.2%	51.1%
Cumul. DOS, pts. with a 100+ day NH stay, mean	278.26	295.60	273.79	251.04	251.67	261.60	291.50	236.65	244.20	255.85	290.29
SD	94.88	84.93	97.53	100.33	96.45	103.06	95.27	89.34	88.11	94.35	96.27
NH pts. with 150+ day NH stay, %	39.5%	52.2%	29.7%	35.5%	35.7%	17.2%	46.0%	26.3%	25.2%	28.5%	41.8%
Cumul. DOS, pts. with a 150+ day NH stay, mean	309.59	308.85	306.83	293.88	293.95	301.87	326.91	255.81	281.20	290.20	323.22
SD	72.40	74.07	75.30	79.76	72.12	82.46	60.67	82.88	72.99	74.95	68.56
Other VISN cumu. DOS, mean	0.36	0.06	0.46	0.43	0.30	0.29	0.24	0.75	0.78	0.19	0.31
SD	4.81	0.98	3.59	3.22	3.26	2.68	1.70	4.97	9.95	2.09	4.00
Other station cumu. DOS, mean	1.04	0.77	0.46	1.10	0.84	0.99	0.32	1.53	0.95	0.83	1.12
SD	8.44	9.95	3.59	7.73	6.08	7.04	1.78	8.48	10.17	7.10	8.43

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Pts. with some outpatient care, %	98.4%	97.4%	98.4%	96.6%	97.9%	98.4%	97.8%	98.8%	99.6%	98.3%	98.7%	97.2%
annual visit days, mean	28.33	41.90	40.88	35.19	23.07	38.67	20.22	27.52	21.81	20.37	32.44	24.31
SD	40.03	54.38	52.48	48.88	32.94	54.27	29.85	37.76	26.34	30.21	38.99	36.77
Outpatient visit days, %												
1-12	42.5%	33.7%	31.6%	36.4%	46.4%	35.7%	52.7%	42.6%	42.5%	49.8%	33.6%	51.3%
13-24	25.5%	22.4%	25.4%	24.3%	27.5%	22.2%	25.3%	25.3%	31.0%	27.9%	25.3%	23.1%
25-36	11.9%	12.1%	12.9%	13.2%	11.3%	14.2%	10.2%	12.0%	12.7%	11.6%	14.4%	9.0%
37-48	5.7%	7.1%	6.8%	6.3%	5.1%	6.8%	4.6%	5.9%	5.4%	4.1%	7.7%	4.5%
49+	14.4%	24.8%	23.4%	19.8%	9.8%	21.1%	7.3%	14.2%	8.3%	6.5%	19.0%	12.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	71.0%	71.8%	80.9%	68.6%	67.1%	66.0%	66.4%	70.7%	76.2%	67.6%	73.3%	72.3%
Mean PC visit days, among those with some PC	3.43	3.66	3.17	2.82	3.26	3.95	3.51	3.32	4.00	2.94	3.81	3.07
SD	2.98	3.81	2.33	2.09	2.64	3.62	3.00	2.90	2.97	2.57	3.34	2.45
Average number clinic stops per visit day, mean	1.45	1.37	1.38	1.41	1.43	1.48	1.44	1.54	1.43	1.54	1.38	1.43
SD	0.48	0.39	0.39	0.46	0.41	0.44	0.41	0.50	0.42	0.50	0.37	0.44
annual clinic stops (psych & non-psych), mean	42.58	60.41	60.25	51.16	33.47	58.68	30.07	44.83	33.21	31.04	46.70	37.35
SD	68.86	86.69	88.85	79.36	50.40	88.24	49.75	74.44	50.95	49.26	61.94	65.35
annual non-psych. clinic stops, mean	19.31	24.04	23.03	20.89	16.00	26.58	15.72	20.94	19.62	17.79	16.56	16.44
SD	28.42	37.17	34.01	29.62	21.91	40.10	23.88	29.66	21.95	27.35	18.21	26.48

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
Pts. with some outpatient care, %	98.4%	97.3%	99.1%	99.3%	98.6%	99.6%	98.8%	99.4%	99.1%	99.2%	97.4%
annual visit days, mean	28.33	34.52	27.25	21.14	29.76	22.90	28.67	32.38	28.26	31.20	30.09
SD	40.03	48.47	43.42	30.35	40.87	25.97	32.92	40.66	38.33	44.80	42.14
Outpatient visit days, %											
1-12	42.5%	40.3%	47.3%	50.8%	41.8%	42.3%	39.7%	38.7%	40.6%	41.6%	42.2%
13-24	25.5%	23.0%	25.4%	26.2%	25.3%	27.9%	23.1%	23.4%	24.8%	24.4%	22.8%
25-36	11.9%	11.4%	11.0%	10.2%	11.6%	12.5%	13.0%	11.4%	12.6%	12.0%	11.6%
37-48	5.7%	5.9%	4.7%	4.0%	6.2%	6.4%	7.3%	5.7%	7.3%	5.5%	6.5%
49+	14.4%	19.5%	11.6%	8.8%	15.1%	10.9%	17.0%	20.8%	14.7%	16.5%	16.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care, %	71.0%	72.9%	71.7%	71.6%	78.4%	67.1%	75.0%	65.6%	76.1%	66.9%	62.4%
OP visit days with primary care clinic stops, mean	3.43	3.58	3.02	2.88	4.02	3.32	3.25	3.32	3.97	3.73	3.05
SD	2.98	3.28	2.70	2.19	3.82	2.44	2.96	2.93	3.57	3.29	2.77
Average number clinic stops per visit day, mean	1.45	1.55	1.44	1.46	1.46	1.47	1.35	1.38	1.39	1.41	1.62
SD	0.48	0.54	0.45	0.44	0.48	0.45	0.35	0.35	0.55	0.46	0.60
annual clinic stops (psych & non-psych), mean	42.58	58.11	41.99	31.23	42.64	34.74	40.17	45.42	39.11	46.70	52.74
SD	68.86	100.17	77.98	49.41	60.42	46.03	52.87	59.08	58.81	80.90	88.41
annual non-psych. clinic stops, mean	19.31	21.98	20.29	15.79	24.20	17.38	17.45	16.91	17.38	20.14	21.07
SD	28.42	29.00	37.18	20.84	33.10	21.45	22.12	21.64	24.62	33.17	39.62

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
annual psych. clinic stops (groupings below), mean	23.27	36.37	37.22	30.28	17.47	32.10	14.35	23.89	13.58	13.24	30.14	20.91
<i>SD</i>	53.40	67.50	71.36	64.70	39.15	65.74	37.38	53.84	37.89	36.93	54.01	51.89
1. general psych. clinic stops, mean	9.13	14.13	8.28	8.32	8.46	8.24	6.68	9.86	6.62	6.64	12.08	7.44
<i>SD</i>	16.62	26.00	10.48	10.65	10.84	11.66	9.04	14.09	11.22	9.57	17.10	22.09
2. psych. case management clinic stops, mean	2.59	4.90	7.04	3.52	1.85	4.08	1.47	2.45	1.02	0.43	4.27	3.08
<i>SD</i>	16.16	27.25	26.63	14.15	9.98	19.48	6.98	14.60	9.32	5.97	17.80	16.19
3. psych. day treatment clinic stops, mean	5.48	7.65	15.50	6.97	2.46	5.36	3.10	4.73	3.01	4.50	4.97	7.32
<i>SD</i>	31.01	29.31	49.37	36.12	18.49	19.64	25.98	34.27	25.00	29.68	27.06	37.13
<i>SD</i>	19.07	14.09	16.81	17.16	12.76	13.93	24.15	22.06	35.50	5.93	9.17	13.55
4. substance abuse clinic stops, mean	2.97	3.30	1.69	4.70	2.67	8.06	1.25	2.38	2.21	1.10	5.26	1.63
5. psych. vocational clinic stops, mean	2.20	5.33	3.58	5.06	1.34	4.96	1.31	3.22	0.40	0.26	2.61	0.92
<i>SD</i>	18.36	26.55	24.19	28.97	13.80	27.54	14.17	21.80	6.73	4.37	20.70	11.23
6. PTSD clinic stops, mean	0.42	0.47	0.39	0.88	0.36	0.67	0.19	0.91	0.11	0.10	0.38	0.20
<i>SD</i>	4.31	4.14	4.26	6.89	2.90	5.51	1.74	7.32	1.48	1.99	3.81	2.43
7. psych. homeless clinic stops, mean	0.44	0.56	0.45	0.79	0.34	0.72	0.29	0.32	0.15	0.20	0.56	0.26
<i>SD</i>	3.30	4.26	3.43	5.98	1.95	3.40	2.34	2.14	1.44	1.73	3.99	2.06
Other VISN OP visit days, mean	0.31	0.27	0.47	0.30	0.25	0.45	0.29	0.31	0.23	0.41	0.29	0.20
<i>SD</i>	2.30	2.20	2.92	2.03	1.97	2.76	1.89	2.21	2.30	2.57	2.34	1.40
Other station OP visit days, mean	0.83	1.31	0.47	1.01	1.07	1.12	0.77	1.03	0.40	0.56	0.88	0.83
<i>SD</i>	3.76	5.19	2.92	4.43	3.94	5.16	2.98	3.90	2.67	2.87	3.88	2.80

Table 3C: FY02 Patients w/ Schizophrenia, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
annual psych. clinic stops (groupings below), mean	23.27	36.13	21.71	15.44	18.43	17.36	22.72	28.51	21.73	26.56	31.68
<i>SD</i>	<i>53.40</i>	<i>84.30</i>	<i>54.22</i>	<i>37.36</i>	<i>41.82</i>	<i>34.96</i>	<i>40.73</i>	<i>49.51</i>	<i>48.87</i>	<i>61.03</i>	<i>65.07</i>
1. general psych. clinic stops, mean	9.13	11.69	9.98	5.86	7.98	12.81	9.28	9.24	11.60	9.32	13.48
<i>SD</i>	<i>16.62</i>	<i>20.99</i>	<i>21.38</i>	<i>8.03</i>	<i>18.70</i>	<i>26.27</i>	<i>18.16</i>	<i>14.39</i>	<i>20.32</i>	<i>17.48</i>	<i>22.42</i>
2. psych. case management clinic stops, mean	2.59	6.69	1.87	1.58	2.21	0.57	6.85	4.08	0.67	0.46	2.02
<i>SD</i>	<i>16.16</i>	<i>38.51</i>	<i>14.55</i>	<i>11.09</i>	<i>13.68</i>	<i>3.71</i>	<i>22.00</i>	<i>19.07</i>	<i>6.82</i>	<i>5.19</i>	<i>10.60</i>
3. psych. day treatment clinic stops, mean	5.48	7.29	3.92	4.25	3.29	0.69	2.64	8.42	4.64	10.35	7.70
<i>SD</i>	<i>31.01</i>	<i>43.12</i>	<i>25.89</i>	<i>28.45</i>	<i>20.98</i>	<i>8.20</i>	<i>10.37</i>	<i>29.59</i>	<i>21.98</i>	<i>47.74</i>	<i>36.24</i>
<i>SD</i>	<i>19.07</i>	<i>5.24</i>	<i>51.59</i>	<i>25.75</i>	<i>#REF!</i>	<i>11.10</i>	<i>13.30</i>	<i>8.05</i>	<i>11.29</i>	<i>9.74</i>	<i>30.09</i>
4. substance abuse clinic stops, mean	2.97	5.20	2.60	1.90	2.10	1.75	2.17	4.24	3.42	2.65	4.33
5. psych. vocational clinic stops, mean	2.20	3.97	2.87	0.84	2.12	0.96	1.00	1.55	0.67	2.21	3.17
<i>SD</i>	<i>18.36</i>	<i>27.35</i>	<i>21.87</i>	<i>9.90</i>	<i>17.81</i>	<i>9.87</i>	<i>11.80</i>	<i>12.17</i>	<i>9.50</i>	<i>18.52</i>	<i>23.99</i>
6. PTSD clinic stops, mean	0.42	0.51	0.33	0.36	0.23	0.29	0.29	0.35	0.33	0.77	0.49
<i>SD</i>	<i>4.31</i>	<i>4.62</i>	<i>3.25</i>	<i>4.33</i>	<i>2.29</i>	<i>2.81</i>	<i>1.70</i>	<i>3.20</i>	<i>3.26</i>	<i>6.68</i>	<i>5.43</i>
7. psych. homeless clinic stops, mean	0.44	0.73	0.11	0.58	0.48	0.26	0.47	0.62	0.38	0.75	0.39
<i>SD</i>	<i>3.30</i>	<i>5.46</i>	<i>0.98</i>	<i>4.02</i>	<i>2.87</i>	<i>1.55</i>	<i>3.13</i>	<i>3.36</i>	<i>3.25</i>	<i>3.48</i>	<i>3.19</i>
Other VISN OP visit days, mean	0.31	0.21	0.26	0.29	0.51	0.36	0.43	0.38	0.33	0.35	0.39
<i>SD</i>	<i>2.30</i>	<i>1.72</i>	<i>2.09</i>	<i>2.02</i>	<i>3.57</i>	<i>1.98</i>	<i>2.55</i>	<i>2.48</i>	<i>2.18</i>	<i>2.17</i>	<i>3.32</i>
Other station OP visit days, mean	0.83	1.51	0.31	0.64	0.84	0.71	0.91	0.78	0.96	0.85	0.79
<i>SD</i>	<i>3.76</i>	<i>5.27</i>	<i>2.29</i>	<i>2.88</i>	<i>4.60</i>	<i>3.18</i>	<i>3.61</i>	<i>3.34</i>	<i>3.64</i>	<i>4.06</i>	<i>4.24</i>

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Hospital Based Utilization</u>												
Patients with some Hosp. Based Utilization, %	27.1%	26.9%	22.9%	25.8%	24.2%	32.3%	31.1%	24.7%	23.6%	32.7%	29.0%	26.8%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.83	2.01	1.69	1.85	1.75	2.18	1.86	1.61	1.87	1.81	1.85	1.72
SD	1.47	1.69	1.32	1.28	1.29	1.91	1.44	1.07	1.58	1.50	1.42	1.29
Average LOS, mean	10.93	14.32	8.78	12.36	10.49	11.34	11.51	10.85	7.43	11.33	11.18	12.38
SD	21.35	28.98	16.18	24.38	14.52	24.82	25.57	25.87	10.74	25.79	19.92	23.12
Cumu. DOS, mean	19.07	26.32	14.36	21.96	17.42	23.26	19.95	16.40	14.21	19.87	19.76	20.47
SD	32.17	45.26	22.17	33.27	21.74	39.90	34.41	30.53	20.87	39.55	32.07	36.07
Cumu. DOS, %												
1 to 7	42.5%	37.3%	46.7%	35.3%	38.7%	42.3%	39.1%	46.0%	51.7%	46.9%	44.0%	40.9%
8 to 14	22.3%	21.3%	24.3%	23.2%	23.5%	20.0%	22.9%	25.8%	20.5%	21.7%	19.4%	20.7%
15 to 44	26.1%	27.3%	23.7%	29.2%	29.3%	25.8%	29.0%	21.2%	21.8%	21.8%	26.5%	29.7%
45 to 89	5.9%	8.2%	3.8%	8.9%	7.2%	6.0%	6.4%	4.5%	4.6%	5.6%	5.9%	5.3%
90 to 179	2.3%	4.1%	1.1%	2.6%	0.9%	4.6%	1.7%	2.1%	1.3%	2.5%	3.3%	2.3%
180 to 359	0.7%	1.5%	0.4%	0.6%	0.4%	0.9%	0.6%	0.1%	0.1%	1.1%	1.0%	0.8%
360+	0.1%	0.3%	0.0%	0.3%	0.0%	0.4%	0.3%	0.4%	0.0%	0.2%	0.0%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. patients with a 100+ day hosp.stay, %	1.8%	3.9%	0.5%	1.5%	0.6%	2.7%	1.9%	1.8%	0.8%	2.1%	2.8%	2.3%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	192.53	203.36	220.67	210.80	168.60	192.33	211.47	175.53	155.27	238.25	165.92	201.22
SD	76.09	85.44	67.47	86.86	41.37	79.51	89.04	99.57	28.50	87.97	52.47	89.30
Hosp. patients who had a 150+ day hosp. stay, %	0.9%	1.6%	0.4%	0.4%	0.3%	1.6%	1.0%	0.6%	0.2%	1.0%	0.8%	1.4%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	241.87	273.37	233.00	307.33	185.67	208.56	268.33	284.20	180.00	297.70	215.14	243.82
SD	71.70	64.53	90.51	98.15	21.94	65.91	88.39	110.23	32.91	58.64	44.42	89.32
Cumu. DOS at Other VISNs	0.74	0.31	1.22	0.65	0.57	1.06	0.43	0.67	0.38	0.89	0.83	0.54
SD	4.26	1.95	5.85	3.56	3.34	4.84	2.75	3.36	2.58	5.40	3.98	3.45
Cumu. DOS at Other Stations	2.11	3.48	1.22	2.86	2.54	2.97	1.97	2.28	0.91	1.54	2.41	1.92
SD	7.68	13.55	5.85	8.37	6.81	8.91	7.70	7.40	3.73	6.74	6.67	6.27

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Hospital Based Utilization</u>											
Patients with some Hosp. Based Utilization, %	27.1%	33.7%	31.9%	28.7%	30.3%	25.8%	26.7%	28.4%	23.1%	21.9%	26.2%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.83	1.91	1.82	1.80	1.89	1.84	1.78	1.72	1.93	1.69	1.88
<i>SD</i>	1.47	1.64	1.44	1.34	1.58	1.42	1.30	1.21	2.15	1.31	1.42
Average LOS, mean	10.93	17.50	10.94	11.40	12.20	7.27	9.65	9.46	9.35	9.74	8.35
<i>SD</i>	21.35	40.24	15.18	16.60	25.30	7.55	10.33	16.60	12.11	14.18	11.65
Cumu. DOS, mean	19.07	27.41	19.02	20.07	21.87	13.36	17.77	15.79	18.19	16.44	14.75
<i>SD</i>	32.17	49.13	27.92	30.58	38.82	15.24	23.57	26.07	27.39	25.70	19.62
Cumu. DOS, %											
1 to 7	42.5%	36.9%	36.6%	43.7%	40.2%	48.4%	40.8%	41.7%	43.3%	45.0%	45.5%
8 to 14	22.3%	24.0%	26.8%	18.0%	20.7%	20.4%	21.3%	27.5%	22.6%	22.7%	22.9%
15 to 44	26.1%	24.8%	27.7%	26.7%	28.5%	26.0%	29.8%	25.5%	25.0%	25.3%	25.9%
45 to 89	5.9%	6.8%	5.6%	8.5%	6.5%	4.9%	6.0%	3.6%	6.0%	4.8%	4.4%
90 to 179	2.3%	4.8%	2.5%	2.5%	2.7%	0.2%	2.0%	1.2%	2.7%	1.8%	1.2%
180 to 359	0.7%	2.3%	0.8%	0.6%	1.1%	0.0%	0.1%	0.5%	0.4%	0.4%	0.1%
360+	0.1%	0.4%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. patients with a 100+ day hosp. stay, %	1.8%	6.1%	1.2%	1.8%	2.6%	0.1%	0.3%	1.1%	0.9%	1.1%	0.6%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	192.53	192.57	185.38	163.57	209.13	147.00	205.00	204.27	163.83	187.45	154.40
<i>SD</i>	76.09	66.64	62.35	69.91	86.74	0.00	73.54	77.31	55.58	65.01	33.50
Hosp. patients who had a 150+ day hosp. stay, %	0.9%	4.0%	0.4%	0.6%	1.4%	0.0%	0.0%	0.8%	0.3%	0.6%	0.2%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	241.87	219.58	230.75	249.57	263.46	0.00	0.00	233.38	230.50	233.67	185.50
<i>SD</i>	71.70	64.21	54.06	70.93	73.90	0.00	0.00	69.99	19.09	50.32	10.61
Cumu. DOS at Other VISNs	0.74	0.52	0.73	0.89	1.31	0.72	0.64	0.89	0.82	0.53	1.60
<i>SD</i>	4.26	3.11	4.38	5.33	6.71	3.09	3.32	4.35	4.11	3.00	7.65
Cumu. DOS at Other Stations	2.11	3.18	0.95	1.85	2.52	1.66	2.66	2.04	2.63	1.27	2.31
<i>SD</i>	7.68	9.34	4.82	7.46	9.53	5.26	7.84	6.16	8.55	4.92	8.66

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	12.3%	10.8%	10.9%	11.6%	11.3%	12.7%	10.2%	12.0%	12.1%	14.0%	15.0%	10.4%
Inpatient stays, mean	0.70	0.57	0.68	0.73	0.75	0.71	0.49	0.71	0.83	0.65	0.80	0.62
SD	1.08	0.90	1.00	1.12	1.10	1.35	0.90	1.03	1.18	1.02	1.12	1.08
Average LOS, mean	9.29	14.65	7.44	8.07	5.91	12.91	11.11	11.38	7.48	11.51	14.02	6.72
SD	23.13	28.30	19.57	12.91	7.40	33.84	23.57	32.47	13.96	31.01	30.73	17.39
Cumu. Days of Stay, mean	6.08	7.09	4.93	6.10	4.23	8.43	5.06	7.15	6.45	7.28	9.47	4.47
SD	20.32	20.94	16.24	15.19	8.71	28.90	20.17	25.27	17.01	27.06	26.21	21.18
Cumu. Days of Stay, %												
0	54.8%	59.9%	52.4%	55.0%	53.1%	60.6%	67.0%	51.3%	48.6%	57.3%	48.3%	61.1%
1 to 7	28.2%	23.6%	31.0%	25.9%	29.9%	23.4%	19.6%	31.4%	31.5%	27.1%	29.7%	26.3%
8 to 14	7.5%	6.6%	8.0%	8.0%	9.1%	4.2%	5.7%	7.5%	8.8%	6.2%	7.9%	6.3%
15 to 44	6.8%	5.2%	6.9%	8.2%	6.7%	7.0%	5.6%	6.2%	8.4%	5.4%	8.7%	5.1%
45 to 89	1.5%	2.4%	1.1%	2.2%	1.1%	2.7%	0.8%	1.6%	1.9%	2.6%	2.8%	0.5%
90 to 179	0.9%	2.3%	0.4%	0.7%	0.0%	1.3%	1.1%	1.6%	0.8%	0.9%	2.2%	0.3%
180 to 359	0.2%	0.0%	0.2%	0.0%	0.0%	0.5%	0.0%	0.0%	0.1%	0.4%	0.4%	0.3%
360+	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.1%	0.0%	0.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.9%	1.7%	0.4%	0.3%	0.0%	1.3%	1.0%	1.6%	0.6%	1.1%	2.3%	0.5%
Cumul. DOS, patients with a 100+ day hosp. stay, mean	168.85	126.70	203.50	138.00	0.00	188.00	163.56	160.93	151.00	206.09	149.86	259.25
SD	68.93	13.22	132.23	5.66	0.00	84.85	77.76	88.06	29.80	97.64	43.00	116.77
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.4%	0.1%	0.2%	0.0%	0.0%	0.7%	0.3%	0.5%	0.2%	0.5%	0.8%	0.4%
Cumul. DOS, patients with a 150+ day hosp. stay, mean	231.74	166.00	297.00	0.00	0.00	216.25	235.33	260.25	180.00	292.40	194.71	309.00
SD	69.23	0.00	0.00	0.00	0.00	98.10	111.59	121.04	32.91	79.22	46.73	74.84
Other VISN cumu. DOS, mean	0.17	0.06	0.43	0.14	0.22	0.12	0.14	0.15	0.10	0.26	0.16	0.13
SD	1.83	0.65	4.51	1.41	2.30	1.41	1.85	1.31	0.84	3.10	1.66	1.43
Other station cumu. DOS, mean	0.54	0.67	0.43	0.70	0.83	0.85	0.58	0.74	0.36	0.36	0.70	0.57
SD	3.48	3.91	4.51	3.47	3.80	5.69	5.55	4.15	2.29	3.23	3.57	2.83

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Hospital based utilization: Non-Psych</u>											
(non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	12.3%	16.0%	12.5%	12.7%	13.1%	13.9%	13.6%	12.9%	11.1%	9.7%	12.0%
Inpatient stays, mean	0.70	0.76	0.62	0.72	0.66	0.86	0.78	0.71	0.72	0.63	0.70
SD	1.08	1.13	1.07	1.20	1.03	1.19	1.07	1.07	1.08	0.91	0.98
Average LOS, mean	9.29	15.95	6.08	9.77	10.54	4.99	6.33	7.35	6.12	6.49	8.44
SD	23.13	43.00	13.48	19.55	26.98	7.70	7.50	20.87	9.26	13.53	19.06
Cumu. Days of Stay, mean	6.08	10.10	3.70	6.72	6.35	4.27	4.91	5.11	4.78	4.10	5.25
SD	20.32	35.92	11.71	20.62	21.20	8.89	9.77	19.40	12.67	11.74	14.93
Cumu. Days of Stay, %											
0	54.8%	52.5%	60.7%	55.7%	56.8%	46.4%	49.1%	54.6%	52.1%	55.9%	54.2%
1 to 7	28.2%	29.3%	26.7%	26.3%	24.9%	37.2%	31.3%	29.7%	31.5%	29.1%	28.0%
8 to 14	7.5%	7.5%	6.9%	7.3%	7.5%	8.2%	8.4%	8.2%	8.0%	7.2%	8.8%
15 to 44	6.8%	6.0%	4.3%	7.1%	8.3%	7.4%	10.3%	5.7%	6.8%	6.8%	7.1%
45 to 89	1.5%	1.3%	0.8%	2.1%	1.3%	0.7%	0.7%	1.1%	1.2%	1.0%	1.1%
90 to 179	0.9%	1.4%	0.5%	1.4%	1.0%	0.1%	0.1%	0.5%	0.3%	0.0%	0.7%
180 to 359	0.2%	1.8%	0.1%	0.2%	0.3%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
360+	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay,%	0.9%	2.9%	0.3%	1.2%	1.1%	0.1%	0.0%	0.5%	0.3%	0.1%	0.6%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	168.85	197.30	143.67	143.73	172.00	126.00	0.00	224.00	142.00	245.00	143.80
SD	68.93	62.48	40.50	54.95	66.18	0.00	0.00	105.71	5.66	0.00	39.86
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.4%	2.1%	0.1%	0.3%	0.5%	0.0%	0.0%	0.3%	0.0%	0.1%	0.2%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	231.74	229.17	190.00	211.50	217.40	0.00	0.00	282.33	0.00	245.00	184.50
SD	69.23	45.97	0.00	70.44	65.48	0.00	0.00	97.77	0.00	0.00	9.19
Other VISN cumu. DOS, mean	0.17	0.04	0.15	0.21	0.17	0.24	0.13	0.30	0.11	0.10	0.29
SD	1.83	0.57	1.27	2.49	1.90	1.72	1.25	2.30	1.05	0.81	1.81
Other station cumu. DOS, mean	0.54	0.56	0.21	0.66	0.26	0.39	0.66	0.57	0.54	0.38	0.65
SD	3.48	3.55	1.57	5.01	2.03	2.03	2.97	2.66	2.55	2.63	2.68

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	18.4%	20.4%	15.3%	17.2%	15.5%	24.7%	24.6%	15.4%	14.1%	22.6%	18.7%	19.0%
Inpatient stays, mean	1.13	1.44	1.01	1.12	1.01	1.47	1.37	0.90	1.04	1.16	1.04	1.10
<i>SD</i>	<i>1.35</i>	<i>1.62</i>	<i>1.08</i>	<i>1.22</i>	<i>1.14</i>	<i>1.62</i>	<i>1.40</i>	<i>0.96</i>	<i>1.48</i>	<i>1.44</i>	<i>1.20</i>	<i>1.12</i>
Average LOS, mean	12.08	14.87	9.25	14.72	13.79	10.72	12.09	10.19	7.25	11.01	10.18	15.32
<i>SD</i>	<i>21.00</i>	<i>31.89</i>	<i>11.49</i>	<i>28.00</i>	<i>17.50</i>	<i>19.32</i>	<i>27.27</i>	<i>17.96</i>	<i>6.38</i>	<i>20.91</i>	<i>13.98</i>	<i>25.49</i>
Cumu. Days of Stay, mean	12.99	19.23	9.43	15.86	13.19	14.82	14.89	9.25	7.76	12.59	10.29	16.00
<i>SD</i>	<i>26.46</i>	<i>41.19</i>	<i>15.83</i>	<i>31.75</i>	<i>21.68</i>	<i>27.78</i>	<i>28.98</i>	<i>19.50</i>	<i>14.66</i>	<i>30.79</i>	<i>17.75</i>	<i>30.72</i>
Cumu. Days of Stay, %												
0	32.3%	24.4%	33.2%	33.5%	35.9%	23.4%	20.8%	37.7%	40.3%	30.9%	35.5%	28.9%
1 to 7	25.1%	25.9%	28.3%	18.1%	18.3%	32.4%	29.0%	25.4%	30.2%	30.5%	27.3%	22.6%
8 to 14	17.1%	17.6%	18.6%	18.7%	16.3%	17.2%	19.1%	19.1%	13.6%	16.9%	14.6%	16.8%
15 to 44	19.8%	23.4%	17.0%	21.1%	22.9%	20.1%	25.5%	14.5%	13.3%	16.5%	18.5%	24.5%
45 to 89	4.0%	5.4%	2.0%	6.1%	5.4%	3.5%	4.2%	2.5%	2.0%	3.3%	2.8%	4.4%
90 to 179	1.3%	1.5%	0.9%	1.6%	0.9%	2.7%	0.7%	0.5%	0.6%	0.9%	1.2%	2.1%
180 to 359	0.4%	1.6%	0.0%	0.6%	0.4%	0.5%	0.3%	0.1%	0.0%	0.7%	0.0%	0.6%
360+	0.1%	0.3%	0.0%	0.3%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.9%	2.2%	0.2%	1.2%	0.6%	1.6%	0.9%	0.1%	0.1%	0.9%	0.7%	1.8%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	204.72	251.84	169.00	227.75	168.00	167.11	248.38	364.00	171.00	273.67	135.00	182.64
<i>SD</i>	<i>78.03</i>	<i>71.88</i>	<i>0.00</i>	<i>88.48</i>	<i>41.07</i>	<i>49.18</i>	<i>95.00</i>	<i>0.00</i>	<i>5.66</i>	<i>66.91</i>	<i>14.49</i>	<i>72.69</i>
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.5%	1.6%	0.2%	0.4%	0.3%	0.9%	0.7%	0.1%	0.0%	0.5%	0.0%	1.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	243.90	270.72	169.00	307.33	185.67	197.40	281.83	364.00	0.00	303.00	0.00	215.88
<i>SD</i>	<i>74.60</i>	<i>62.71</i>	<i>0.00</i>	<i>98.15</i>	<i>21.94</i>	<i>43.28</i>	<i>85.17</i>	<i>0.00</i>	<i>0.00</i>	<i>37.30</i>	<i>0.00</i>	<i>79.55</i>
Other VISN cumu. DOS, mean	0.57	0.25	0.79	0.51	0.35	0.95	0.29	0.51	0.28	0.63	0.67	0.41
<i>SD</i>	<i>3.69</i>	<i>1.75</i>	<i>3.78</i>	<i>3.29</i>	<i>2.20</i>	<i>4.62</i>	<i>1.81</i>	<i>3.02</i>	<i>2.40</i>	<i>3.88</i>	<i>3.50</i>	<i>3.14</i>
Other station cumu. DOS, mean	1.57	2.81	0.79	2.16	1.71	2.12	1.39	1.54	0.55	1.19	1.70	1.35
<i>SD</i>	<i>6.65</i>	<i>12.78</i>	<i>3.78</i>	<i>7.70</i>	<i>5.69</i>	<i>6.41</i>	<i>5.36</i>	<i>5.57</i>	<i>2.93</i>	<i>5.48</i>	<i>5.32</i>	<i>5.68</i>

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Hospital based utilization: Psychiatric</u>											
(psych- for those with some hosp.based util.)											
Pts. with psych hospital stays, %	18.4%	22.8%	23.3%	19.6%	21.1%	15.7%	16.4%	18.8%	15.4%	14.6%	18.1%
Inpatient stays, mean	1.13	1.15	1.20	1.08	1.23	0.99	1.01	1.00	1.21	1.06	1.18
SD	1.35	1.47	1.29	1.11	1.45	1.21	1.20	1.09	2.11	1.29	1.37
Average LOS, mean	12.08	18.08	13.13	12.61	13.39	9.54	12.44	10.49	11.72	11.78	8.55
SD	21.00	38.33	15.98	19.20	24.10	8.67	12.07	11.32	16.55	14.83	8.36
Cumu. Days of Stay, mean	12.99	17.32	15.32	13.34	15.52	9.09	12.86	10.69	13.40	12.34	9.50
SD	26.46	36.93	26.75	25.35	33.36	13.57	22.73	19.55	25.70	24.33	14.45
Cumu. Days of Stay, %											
0	32.3%	32.3%	26.9%	31.7%	30.2%	39.2%	38.5%	33.9%	33.2%	33.7%	31.0%
1 to 7	25.1%	19.9%	21.4%	28.4%	23.3%	22.9%	18.6%	23.0%	24.0%	25.3%	31.0%
8 to 14	17.1%	19.5%	21.8%	12.6%	17.9%	15.2%	15.9%	20.6%	17.6%	16.3%	15.7%
15 to 44	19.8%	19.3%	22.6%	19.9%	21.0%	19.6%	20.5%	19.3%	18.9%	19.4%	19.5%
45 to 89	4.0%	5.1%	4.8%	5.8%	5.3%	3.0%	5.2%	2.1%	4.0%	3.2%	2.4%
90 to 179	1.3%	3.1%	1.8%	1.1%	1.5%	0.1%	1.3%	0.6%	1.9%	1.8%	0.5%
180 to 359	0.4%	0.5%	0.7%	0.4%	0.5%	0.0%	0.1%	0.4%	0.4%	0.3%	0.0%
360+	0.1%	0.3%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.9%	3.1%	1.0%	0.6%	1.5%	0.0%	0.3%	0.6%	0.6%	1.0%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	204.72	184.60	197.10	193.50	221.21	0.00	201.50	187.83	169.75	179.50	0.00
SD	78.03	71.29	63.81	89.19	98.67	0.00	78.49	47.98	69.79	66.13	0.00
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.5%	2.0%	0.3%	0.2%	0.9%	0.0%	0.0%	0.5%	0.3%	0.5%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	243.90	206.82	241.67	295.00	290.38	0.00	0.00	204.00	229.50	227.00	0.00
SD	74.60	78.27	60.58	51.74	70.48	0.00	0.00	30.28	17.68	62.00	0.00
Other VISN cumu. DOS, mean	0.57	0.48	0.58	0.69	1.13	0.48	0.51	0.59	0.71	0.43	1.31
SD	3.69	3.02	3.94	4.56	6.20	2.60	3.06	3.34	3.76	2.78	7.11
Other station cumu. DOS, mean	1.57	2.62	0.74	1.19	2.26	1.27	2.01	1.47	2.09	0.88	1.66
SD	6.65	7.90	4.30	5.46	9.16	4.79	7.40	5.44	8.05	4.01	7.83

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
Other 24 hour institutional care												
Patients with some other 24 hour institutional care, %	8.1%	6.0%	14.5%	10.5%	11.7%	11.5%	6.5%	4.9%	4.3%	6.1%	14.1%	5.5%
Residential Rehabilitation												
(reported for those with some res rehab care)												
Patients with some residential rehab. care, %	2.5%	2.1%	6.0%	3.0%	1.9%	4.1%	1.9%	0.2%	2.2%	1.4%	4.7%	3.2%
Number stays, mean	1.11	1.08	1.28	1.14	1.04	1.17	1.02	1.00	1.05	1.08	1.11	1.12
SD	0.35	0.27	0.63	0.38	0.20	0.42	0.14	0.00	0.22	0.27	0.39	0.32
Average LOS, mean	33.89	36.04	27.53	31.60	36.79	34.08	29.42	32.75	52.44	13.99	13.68	39.99
SD	34.90	43.29	20.19	43.10	53.37	27.19	15.73	37.09	35.15	7.56	13.70	44.18
Cumu. DOS, mean	36.74	38.85	33.80	34.48	37.66	38.80	29.74	32.75	54.00	14.75	15.03	46.65
SD	37.38	44.86	27.21	43.81	53.47	31.24	15.65	37.09	35.55	7.72	14.93	56.01
Cumu. Days of Stay, %												
1 to 7	13.1%	12.1%	11.2%	18.8%	18.6%	15.7%	5.7%	37.5%	4.5%	15.0%	34.7%	14.0%
8 to 14	13.1%	16.5%	16.1%	13.8%	7.1%	10.0%	1.9%	12.5%	9.0%	65.0%	24.7%	10.8%
15 to 44	49.5%	38.5%	47.6%	48.8%	52.9%	41.4%	86.8%	25.0%	35.8%	20.0%	35.3%	52.7%
45 to 89	15.9%	26.4%	22.4%	5.0%	12.9%	24.3%	3.8%	12.5%	24.6%	0.0%	4.7%	5.4%
90 to 179	7.3%	5.5%	2.1%	13.8%	2.9%	8.6%	1.9%	12.5%	26.1%	0.0%	0.7%	14.0%
180 to 359	1.1%	0.0%	0.7%	0.0%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%
360+	0.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	4.9%	4.4%	1.4%	12.5%	8.6%	5.7%	1.9%	12.5%	9.0%	0.0%	0.7%	10.8%
Cumul. DOS, pts w/ 100+ day ResRehab stay, mean	154.84	192.00	162.50	139.50	194.50	120.75	101.00	100.00	113.58	0.00	110.00	178.70
SD	54.00	116.47	30.41	20.86	50.84	13.30	0.00	0.00	13.79	0.00	0.00	64.48
Res Rehab patients w/ 150+ day Res Rehab stay, %	2.0%	2.2%	0.0%	6.3%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%
Cumul. DOS, pts w/ 150+ day ResRehab stay, mean	200.97	258.00	0.00	155.60	226.25	0.00	0.00	0.00	0.00	0.00	0.00	237.00
SD	55.95	149.91	0.00	4.51	16.58	0.00	0.00	0.00	0.00	0.00	0.00	69.36
Other VISN cumu. DOS, mean	1.21	0.11	0.99	0.00	1.04	1.54	2.19	30.63	0.25	4.25	0.60	0.56
SD	7.27	0.86	4.47	0.00	4.83	5.45	13.99	38.74	2.68	10.52	4.43	3.64
Other station cumu. DOS, mean	4.12	5.05	0.99	6.46	4.14	6.26	6.17	30.63	0.66	4.25	1.41	1.40
SD	12.07	12.47	4.47	16.83	8.13	14.45	16.39	38.74	3.63	10.52	4.85	4.70

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
Other 24 hour institutional care											
Patients with some other 24 hour institutional care, %	8.1%	17.0%	7.5%	4.0%	11.6%	4.4%	4.1%	10.2%	4.5%	4.4%	15.9%
Residential Rehabilitation											
(reported for those with some res rehab care)											
Patients with some residential rehab. care, %	2.5%	8.3%	1.3%	0.5%	3.7%	0.8%	2.6%	3.0%	0.8%	0.1%	3.9%
Number stays, mean	1.11	1.13	1.00	1.04	1.05	1.15	1.07	1.04	1.18	1.00	1.13
SD	0.35	0.37	0.00	0.20	0.23	0.53	0.26	0.19	0.50	0.30	0.33
Average LOS, mean	33.89	34.62	95.93	15.60	26.57	42.70	36.76	20.91	45.08	12.80	41.25
SD	34.90	23.82	79.66	12.67	30.36	45.55	24.39	9.44	29.64	13.68	29.22
Cumu. DOS, mean	36.74	38.55	95.93	16.21	27.83	48.93	38.28	21.48	51.68	12.80	44.37
SD	37.38	28.00	79.66	12.96	31.34	53.37	24.38	9.77	33.04	13.68	30.48
Cumu. Days of Stay, %											
1 to 7	13.1%	5.8%	4.7%	37.5%	9.7%	14.8%	10.3%	8.3%	9.1%	60.0%	12.7%
8 to 14	13.1%	9.7%	11.6%	16.7%	12.4%	14.8%	7.4%	11.1%	9.1%	20.0%	4.8%
15 to 44	49.5%	61.4%	20.9%	45.8%	64.6%	33.3%	52.9%	77.8%	22.7%	20.0%	40.5%
45 to 89	15.9%	18.4%	14.0%	0.0%	8.8%	18.5%	27.9%	2.8%	45.5%	0.0%	31.7%
90 to 179	7.3%	3.6%	37.2%	0.0%	2.7%	11.1%	1.5%	0.0%	13.6%	0.0%	10.3%
180 to 359	1.1%	1.1%	9.3%	0.0%	1.8%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%
360+	0.1%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	4.9%	1.8%	46.5%	0.0%	1.8%	18.5%	1.5%	0.0%	0.0%	0.0%	1.6%
Cumul. DOS, pts with a 100+ day C.C. stay, mean	154.84	173.00	167.70	0.00	208.00	146.60	141.00	0.00	0.00	0.00	104.00
SD	54.00	56.95	55.51	0.00	2.83	36.94	0.00	0.00	0.00	0.00	0.00
Res Rehab pts w/ 150+ day Res Rehab stay, %	2.0%	1.1%	30.2%	0.0%	1.8%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Cumul. DOS, pts with a 150+ day C.C. stay, mean	200.97	213.33	189.00	0.00	208.00	187.00	0.00	0.00	0.00	0.00	0.00
SD	55.95	18.56	58.13	0.00	2.83	4.24	0.00	0.00	0.00	0.00	0.00
Other VISN cumu. DOS, mean	1.21	0.00	1.26	1.54	0.52	1.00	0.81	0.98	4.41	11.60	4.67
SD	7.27	0.00	4.60	6.02	3.02	3.91	4.30	4.89	16.15	14.66	15.93
Other station cumu. DOS, mean	4.12	6.79	1.26	5.54	1.47	1.56	6.51	3.20	13.00	11.60	6.01
SD	12.07	14.79	4.60	11.74	7.85	4.63	14.61	8.25	23.53	14.66	16.98

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Domiciliary and Vocational</u>												
(reported for those with some dom/voc care)												
Patients with some dom/voc care, %	4.4%	2.2%	8.4%	7.4%	7.6%	6.9%	2.8%	3.7%	0.7%	3.9%	8.7%	0.1%
Number stays, mean	1.15	1.07	1.32	1.23	1.16	1.15	1.03	1.16	1.13	1.09	1.16	1.00
<i>SD</i>	0.41	0.33	0.59	0.51	0.41	0.40	0.16	0.39	0.40	0.31	0.45	0.00
Average LOS, mean	75.99	82.44	102.76	67.06	43.48	74.80	42.44	42.44	91.31	133.95	42.08	23.00
<i>SD</i>	79.41	64.58	62.55	62.95	45.44	74.49	52.40	47.60	83.77	115.10	42.68	31.11
Cumu. DOS, mean	84.22	88.53	126.08	79.30	51.61	82.25	43.95	46.67	99.96	141.69	48.25	23.00
<i>SD</i>	83.97	71.17	71.31	72.81	54.68	77.29	53.91	50.26	87.12	117.21	48.65	31.11
Cumu. Days of Stay, %												
1 to 7	7.8%	6.3%	2.5%	8.7%	13.0%	6.0%	18.8%	13.2%	6.7%	6.1%	7.9%	50.0%
8 to 14	6.2%	9.4%	2.0%	4.1%	10.9%	6.9%	7.5%	6.2%	8.9%	2.6%	6.5%	0.0%
15 to 44	30.9%	17.7%	12.5%	26.0%	42.5%	27.6%	41.3%	47.3%	20.0%	16.7%	52.2%	0.0%
45 to 89	19.4%	25.0%	15.5%	24.0%	9.5%	24.1%	22.5%	17.1%	20.0%	16.7%	17.6%	50.0%
90 to 179	23.4%	30.2%	42.0%	28.1%	21.8%	25.9%	7.5%	14.7%	20.0%	28.9%	13.3%	0.0%
180 to 359	9.7%	10.4%	25.0%	7.7%	2.5%	8.6%	1.3%	1.6%	22.2%	20.2%	2.2%	0.0%
360+	2.6%	1.0%	0.5%	1.5%	0.0%	0.9%	1.3%	0.0%	2.2%	8.8%	0.4%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	29.5%	37.5%	59.0%	27.6%	18.2%	25.0%	8.8%	14.0%	40.0%	50.9%	10.4%	0.0%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	188.19	162.97	171.86	171.02	147.94	183.10	171.29	146.00	190.06	231.91	152.97	0.00
<i>SD</i>	79.34	56.24	48.16	70.46	30.55	84.58	94.30	59.09	63.66	95.59	56.26	0.00
Dom. patients with 150+ day Dom. stay, %	16.0%	16.7%	35.5%	10.7%	7.0%	10.3%	2.5%	3.1%	28.9%	35.1%	2.9%	0.0%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	238.20	208.38	198.21	229.10	177.75	260.83	294.00	227.25	211.00	279.38	205.75	0.00
<i>SD</i>	74.09	55.48	40.55	72.12	21.68	73.77	98.99	89.86	59.01	75.77	67.09	0.00
Other VISN cumu. DOS, mean	1.72	2.39	5.03	1.74	1.23	4.22	1.00	1.12	2.36	2.56	1.58	23.00
<i>SD</i>	8.47	9.25	14.04	8.48	5.45	11.67	5.05	6.92	5.81	10.60	11.31	31.11
Other station cumu. DOS, mean	3.94	6.29	5.03	8.65	6.60	6.32	2.46	1.42	2.36	3.06	2.66	23.00
<i>SD</i>	13.11	16.52	14.04	20.69	15.15	15.40	7.00	7.23	5.81	10.98	12.54	31.11

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Domiciliary and Vocational</u>											
(reported for those with some dom/voc care)											
Patients with some dom/voc care, %	4.4%	7.0%	5.2%	2.3%	8.2%	1.7%	0.5%	6.0%	1.2%	3.0%	9.7%
Number stays, mean	1.15	1.09	1.09	1.12	1.15	1.05	1.00	1.12	1.06	1.04	1.23
<i>SD</i>	0.41	0.31	0.31	0.35	0.38	0.23	0.00	0.33	0.24	0.19	0.50
Average LOS, mean	75.99	87.38	85.77	59.84	110.81	90.40	10.67	109.62	52.10	109.19	49.99
<i>SD</i>	79.41	86.47	78.26	62.30	106.87	81.30	10.76	110.08	62.74	91.81	42.57
Cumu. DOS, mean	84.22	92.14	90.32	65.45	122.94	93.45	10.67	118.16	54.15	111.09	59.32
<i>SD</i>	83.97	88.00	78.80	66.22	110.72	82.02	10.76	113.57	62.91	91.68	52.45
Cumu. Days of Stay, %											
1 to 7	7.8%	4.7%	7.0%	10.7%	4.0%	5.5%	50.0%	4.2%	8.8%	6.4%	9.0%
8 to 14	6.2%	6.5%	4.7%	4.9%	5.6%	5.5%	25.0%	4.2%	17.6%	6.4%	6.4%
15 to 44	30.9%	29.3%	27.5%	41.7%	19.4%	21.8%	25.0%	30.1%	35.3%	16.4%	35.9%
45 to 89	19.4%	21.1%	18.1%	17.5%	23.0%	18.2%	0.0%	17.6%	20.6%	21.4%	25.0%
90 to 179	23.4%	24.6%	29.2%	19.4%	23.4%	38.2%	0.0%	19.4%	8.8%	25.7%	20.8%
180 to 359	9.7%	10.3%	11.7%	4.9%	14.7%	7.3%	0.0%	14.8%	8.8%	22.1%	2.9%
360+	2.6%	3.4%	1.8%	1.0%	9.9%	3.6%	0.0%	9.7%	0.0%	1.4%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. patients with 100+ day Dom. stay, %	29.5%	33.2%	38.0%	20.4%	39.3%	36.4%	0.0%	38.9%	14.7%	47.9%	15.1%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	188.19	191.57	170.83	173.33	234.36	170.10	0.00	237.26	187.00	189.27	148.15
<i>SD</i>	79.34	84.10	66.29	65.60	94.30	85.72	0.00	93.48	57.98	70.42	59.26
Dom. patients with 150+ day Dom. stay, %	16.0%	20.3%	20.5%	7.8%	27.8%	10.9%	0.0%	27.3%	8.8%	30.0%	4.8%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	238.20	236.57	213.40	233.50	272.91	283.83	0.00	280.24	224.00	226.40	216.80
<i>SD</i>	74.09	78.68	63.78	71.07	80.42	73.08	0.00	77.20	39.61	62.98	59.30
Other VISN cumu. DOS, mean	1.72	0.58	0.70	2.23	0.56	2.89	10.67	1.09	5.47	0.40	1.14
<i>SD</i>	8.47	3.62	4.31	8.77	4.91	7.50	10.76	9.51	14.30	4.73	7.04
Other station cumu. DOS, mean	3.94	5.72	0.70	3.26	2.17	5.07	10.67	3.59	7.24	0.87	2.15
<i>SD</i>	13.11	16.78	4.31	9.69	10.69	16.85	10.76	13.46	15.39	6.18	8.76

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
Patients with some nursing home care, %	2.0%	1.9%	2.1%	1.8%	2.7%	1.4%	2.0%	1.1%	1.5%	1.1%	2.9%	2.3%
Number stays, mean	1.22	1.18	1.24	1.16	1.24	1.46	1.07	1.24	1.16	1.06	1.22	1.15
<i>SD</i>	0.52	0.45	0.48	0.47	0.53	0.66	0.26	0.54	0.40	0.35	0.51	0.40
Average LOS, mean	90.97	122.38	89.18	132.10	111.84	68.74	160.98	116.43	75.74	74.26	72.52	94.94
<i>SD</i>	109.03	146.06	117.40	131.91	121.19	86.66	138.02	123.27	92.46	84.15	86.00	118.67
Cumu. DOS, mean	103.11	133.31	98.61	141.39	124.59	95.83	172.73	133.45	84.70	78.72	81.86	100.74
<i>SD</i>	116.13	151.06	118.89	135.02	124.21	96.51	145.20	133.20	98.10	87.69	89.25	118.31
Cumu. Days of Stay, %												
1 to 7	9.3%	16.9%	14.3%	2.0%	6.8%	4.2%	7.3%	5.3%	8.8%	3.1%	6.5%	7.6%
8 to 14	10.7%	8.4%	6.1%	18.4%	9.7%	8.3%	10.9%	7.9%	17.6%	6.3%	7.6%	15.2%
15 to 44	27.4%	24.1%	30.6%	18.4%	19.4%	25.0%	14.5%	23.7%	29.7%	46.9%	28.3%	28.8%
45 to 89	17.9%	14.5%	16.3%	14.3%	18.4%	25.0%	10.9%	15.8%	12.1%	18.8%	30.4%	13.6%
90 to 179	13.5%	4.8%	16.3%	14.3%	17.5%	20.8%	12.7%	15.8%	15.4%	9.4%	16.3%	16.7%
180 to 359	12.0%	8.4%	4.1%	16.3%	17.5%	12.5%	21.8%	15.8%	12.1%	12.5%	6.5%	6.1%
360+	9.3%	22.9%	12.2%	16.3%	10.7%	4.2%	21.8%	15.8%	4.4%	3.1%	4.3%	12.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	30.4%	33.7%	22.4%	46.9%	37.9%	25.0%	54.5%	42.1%	24.2%	25.0%	20.7%	31.8%
Cumul. DOS, pts with a 100+ day NH stay, mean	255.53	336.18	287.45	261.65	261.72	228.50	291.53	263.94	232.23	210.00	225.21	246.38
<i>SD</i>	94.95	59.71	108.66	102.54	93.70	95.12	81.08	105.78	88.86	80.46	95.07	106.51
NH patients with 150+ day NH stay, %	23.1%	32.5%	16.3%	36.7%	28.2%	16.7%	52.7%	28.9%	17.6%	18.8%	12.0%	22.7%
Cumul. DOS, pts with a 150+ day NH stay, mean	291.40	344.15	348.50	299.06	304.76	280.00	296.55	317.82	272.00	239.67	288.73	291.20
<i>SD</i>	77.33	43.07	35.16	82.03	63.11	66.41	77.63	74.23	69.20	69.55	73.48	91.19
Other VISN cumu. DOS, mean	0.24	0.19	0.00	0.45	0.00	2.00	0.00	0.74	0.93	0.56	0.00	0.00
<i>SD</i>	3.07	1.76	0.00	2.28	0.00	9.80	0.00	3.11	8.60	3.18	0.00	0.00
Other station cumu. DOS, mean	0.84	1.88	0.00	0.76	1.45	2.00	0.00	0.74	1.01	0.56	1.77	0.48
<i>SD</i>	5.59	9.34	0.00	3.09	8.83	9.80	0.00	3.11	8.62	3.18	7.09	3.94

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
Patients with some nursing home care, %	2.0%	4.1%	1.5%	1.2%	2.4%	1.9%	1.1%	1.7%	2.8%	1.4%	3.9%
Number stays, mean	1.22	1.13	1.20	1.26	1.14	1.45	1.31	1.26	1.53	1.20	1.12
<i>SD</i>	0.52	0.35	0.45	0.62	0.38	0.87	0.54	0.51	0.88	0.51	0.35
Average LOS, mean	90.97	131.46	61.45	90.02	100.21	49.60	83.79	38.56	69.89	80.35	59.83
<i>SD</i>	109.03	124.90	76.72	110.88	102.06	60.90	94.28	59.94	77.94	90.67	88.17
Cumu. DOS, mean	103.11	142.44	68.32	101.52	110.18	71.25	106.83	44.66	107.32	94.20	63.39
<i>SD</i>	116.13	131.49	78.09	117.13	108.58	89.06	117.13	61.51	116.80	101.83	88.05
Cumu. Days of Stay, %											
1 to 7	9.3%	5.2%	6.0%	5.6%	8.2%	8.3%	3.4%	9.7%	12.3%	7.8%	23.2%
8 to 14	10.7%	8.1%	6.0%	9.3%	5.5%	16.7%	10.3%	21.0%	12.3%	10.9%	8.0%
15 to 44	27.4%	26.7%	46.0%	31.5%	21.9%	31.7%	34.5%	43.5%	17.3%	25.0%	28.8%
45 to 89	17.9%	9.6%	16.0%	22.2%	23.3%	25.0%	10.3%	16.1%	21.0%	25.0%	19.2%
90 to 179	13.5%	12.6%	20.0%	11.1%	17.8%	5.0%	20.7%	6.5%	13.6%	12.5%	12.0%
180 to 359	12.0%	20.7%	2.0%	11.1%	19.2%	11.7%	10.3%	1.6%	18.5%	14.1%	4.0%
360+	9.3%	17.0%	4.0%	9.3%	4.1%	1.7%	10.3%	1.6%	4.9%	4.7%	4.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH patients with 100+ day NH stay, %	30.4%	48.1%	22.0%	29.6%	37.0%	15.0%	34.5%	8.1%	34.6%	26.6%	15.2%
Cumul. DOS, pts with a 100+ day NH stay, mean	255.53	260.55	179.00	259.31	229.44	251.00	244.40	216.20	244.04	240.94	238.63
<i>SD</i>	94.95	90.88	97.32	97.22	89.31	86.76	96.73	99.12	93.48	84.19	101.08
NH patients with 150+ day NH stay, %	23.1%	40.7%	10.0%	24.1%	26.0%	10.0%	20.7%	4.8%	23.5%	18.8%	12.0%
Cumul. DOS, pts with a 150+ day NH stay, mean	291.40	282.62	253.00	280.77	261.37	282.83	309.00	269.67	284.63	265.67	270.33
<i>SD</i>	77.33	79.68	103.46	89.60	81.99	86.05	62.65	94.50	79.87	80.20	89.55
Other VISN cumu. DOS, mean	0.24	0.00	0.16	0.00	0.08	0.35	1.38	0.39	0.00	0.31	0.00
<i>SD</i>	3.07	0.00	1.13	0.00	0.70	2.71	7.43	3.05	0.00	2.50	0.00
Other station cumu. DOS, mean	0.84	0.68	0.16	1.11	0.23	0.35	1.38	1.53	0.12	1.17	0.34
<i>SD</i>	5.59	4.10	1.13	4.82	1.46	2.71	7.43	8.25	1.00	5.70	2.82

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Patients with some outpatient care, %	99.6%	99.5%	99.6%	99.4%	99.5%	99.8%	99.3%	99.7%	99.8%	99.9%	99.7%	99.3%
annual visit days, mean	24.61	32.34	33.01	31.92	21.44	30.20	18.25	21.26	21.40	16.61	27.11	19.59
SD	30.99	39.37	35.88	41.00	29.46	36.68	22.62	27.27	22.85	17.02	32.94	25.85
Outpatient visit days, %												
1-12	42.7%	34.1%	29.6%	38.6%	47.9%	37.1%	51.2%	46.1%	42.0%	51.9%	37.2%	52.4%
13-24	26.7%	24.5%	27.7%	23.6%	27.5%	25.5%	27.5%	27.9%	30.7%	28.5%	26.7%	25.5%
25-36	12.4%	14.5%	14.2%	12.4%	10.6%	12.1%	11.4%	12.4%	12.9%	10.2%	13.8%	10.2%
37-48	6.4%	8.3%	8.2%	7.2%	5.3%	7.2%	4.4%	5.7%	6.4%	5.0%	7.9%	4.4%
49+	11.8%	18.6%	20.3%	18.2%	8.7%	18.0%	5.5%	7.9%	8.1%	4.4%	14.5%	7.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpatients who had some Primary Care (PC)	77.0%	78.6%	84.5%	73.7%	74.2%	74.7%	74.6%	77.5%	84.5%	75.0%	76.5%	77.6%
Mean PC visit days, among those with some PC	3.54	3.66	3.54	3.01	3.30	3.98	3.59	3.34	3.93	3.07	3.84	3.05
SD	3.02	3.50	2.76	2.50	2.54	3.70	2.76	2.95	3.02	2.20	3.05	2.34
Average number clinic stops per visit day, mean	1.51	1.41	1.41	1.47	1.47	1.49	1.52	1.56	1.49	1.60	1.48	1.52
SD	0.46	0.38	0.34	0.44	0.42	0.41	0.42	0.51	0.44	0.52	0.45	0.46
annual clinic stops (psych & non-psych), mean	38.32	47.33	49.64	49.03	31.57	46.00	27.94	34.00	32.76	26.19	42.66	30.62
SD	54.62	61.77	61.59	71.59	43.33	60.02	37.09	47.53	39.79	28.10	56.71	43.69
annual non-psych. clinic stops, mean	19.86	21.52	22.92	22.20	17.19	23.00	17.14	18.92	21.12	17.81	17.71	16.21
SD	23.51	26.14	27.29	25.64	20.66	27.36	20.32	22.41	22.12	18.46	18.50	19.16

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

		all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder		70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
Patients with some outpatient care, %		99.6%	98.7%	99.6%	99.8%	99.5%	99.9%	99.8%	99.7%	99.4%	99.7%	99.7%
annual visit days, mean		24.61	35.32	23.78	20.55	24.11	21.29	23.29	24.73	24.55	24.22	28.00
SD		30.99	46.42	32.11	26.37	30.47	21.10	23.61	26.73	28.57	30.78	35.82
Outpatient visit days, %												
1-12		42.7%	36.2%	46.4%	50.0%	44.0%	41.1%	39.1%	38.5%	40.2%	44.3%	43.2%
13-24		26.7%	23.9%	27.1%	25.6%	26.0%	29.5%	27.8%	27.8%	27.2%	25.0%	23.1%
25-36		12.4%	11.7%	9.6%	10.9%	13.2%	14.8%	15.0%	13.9%	13.3%	12.0%	11.8%
37-48		6.4%	7.0%	5.3%	5.0%	6.0%	6.6%	7.3%	7.9%	7.1%	6.5%	6.3%
49+		11.8%	21.3%	11.5%	8.5%	10.8%	8.0%	10.7%	11.9%	12.3%	12.2%	15.6%
Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care , %		77.0%	78.9%	76.1%	77.4%	82.2%	77.2%	78.8%	70.2%	78.7%	73.3%	69.0%
OP visit days with primary care clinic stops, mean		3.54	3.57	3.04	3.12	3.99	3.59	3.52	3.54	4.04	4.06	3.22
SD		3.02	3.01	2.63	2.34	3.72	2.64	3.20	3.07	3.59	3.82	2.64
Average number clinic stops per visit day, mean		1.51	1.66	1.56	1.53	1.56	1.50	1.42	1.43	1.33	1.43	1.81
SD		0.46	0.57	0.52	0.45	0.50	0.42	0.40	0.37	0.34	0.40	0.65
annual clinic stops (psych & non-psych), mean		38.32	62.59	39.51	31.38	36.93	32.14	33.72	36.00	34.03	35.75	55.61
SD		54.62	95.94	59.91	42.67	46.97	34.20	40.40	42.13	44.53	52.08	84.26
annual non-psych. clinic stops, mean		19.86	26.13	18.63	17.64	23.01	19.69	18.74	19.06	18.12	19.41	22.29
SD		23.51	29.30	24.72	19.16	28.58	20.66	20.38	22.81	21.06	25.32	28.34

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
annual psych. clinic stops (groupings below), mean	18.46	25.81	26.72	26.83	14.38	23.00	10.81	15.09	11.64	8.38	24.95	14.40
<i>SD</i>	<i>41.73</i>	<i>47.68</i>	<i>44.32</i>	<i>57.96</i>	<i>33.01</i>	<i>44.48</i>	<i>24.84</i>	<i>33.83</i>	<i>26.70</i>	<i>17.49</i>	<i>48.46</i>	<i>33.31</i>
1. general psych. clinic stops, mean	7.81	9.40	10.98	7.61	6.57	8.75	6.16	7.21	6.05	4.97	9.61	6.15
<i>SD</i>	<i>12.93</i>	<i>13.02</i>	<i>12.97</i>	<i>10.61</i>	<i>8.74</i>	<i>17.41</i>	<i>8.56</i>	<i>9.24</i>	<i>9.28</i>	<i>6.53</i>	<i>13.52</i>	<i>12.68</i>
2. psych. case management clinic stops, mean	0.62	1.52	0.93	0.88	0.27	0.27	0.31	0.23	0.32	0.11	0.81	1.10
<i>SD</i>	<i>8.19</i>	<i>15.34</i>	<i>8.98</i>	<i>7.59</i>	<i>3.69</i>	<i>3.27</i>	<i>3.79</i>	<i>4.30</i>	<i>4.58</i>	<i>2.62</i>	<i>7.27</i>	<i>12.16</i>
3. psych. day treatment clinic stops, mean	1.85	3.33	3.56	2.93	0.63	1.89	0.91	0.35	0.99	0.36	2.05	2.19
<i>SD</i>	<i>16.93</i>	<i>17.14</i>	<i>22.36</i>	<i>19.59</i>	<i>6.73</i>	<i>10.87</i>	<i>11.20</i>	<i>6.12</i>	<i>10.21</i>	<i>7.43</i>	<i>16.41</i>	<i>16.68</i>
4. substance abuse clinic stops, mean	4.62	5.51	5.95	6.94	3.92	8.17	1.67	2.65	2.83	2.11	9.04	3.40
<i>SD</i>	<i>21.38</i>	<i>21.69</i>	<i>16.47</i>	<i>27.11</i>	<i>23.35</i>	<i>31.62</i>	<i>8.81</i>	<i>14.02</i>	<i>17.13</i>	<i>10.90</i>	<i>31.29</i>	<i>14.31</i>
5. psych. vocational clinic stops, mean	1.97	3.97	2.45	5.80	1.85	2.29	1.10	2.82	0.68	0.33	1.49	0.70
<i>SD</i>	<i>15.43</i>	<i>21.63</i>	<i>14.60</i>	<i>28.37</i>	<i>13.39</i>	<i>13.93</i>	<i>11.83</i>	<i>20.46</i>	<i>7.76</i>	<i>3.50</i>	<i>11.59</i>	<i>7.84</i>
6. PTSD clinic stops, mean	0.89	1.31	1.86	1.26	0.73	0.88	0.35	1.41	0.22	0.24	1.20	0.45
<i>SD</i>	<i>6.30</i>	<i>7.11</i>	<i>10.98</i>	<i>7.57</i>	<i>5.61</i>	<i>5.32</i>	<i>2.68</i>	<i>8.33</i>	<i>2.03</i>	<i>1.93</i>	<i>8.40</i>	<i>4.09</i>
7. psych. homeless clinic stops, mean	0.62	0.75	0.60	1.35	0.41	0.74	0.25	0.38	0.35	0.25	0.73	0.36
<i>SD</i>	<i>4.15</i>	<i>5.42</i>	<i>3.84</i>	<i>8.10</i>	<i>2.44</i>	<i>3.32</i>	<i>1.95</i>	<i>2.78</i>	<i>2.40</i>	<i>1.54</i>	<i>4.04</i>	<i>2.33</i>
Other VISN OP visit days, mean	0.50	0.27	0.80	0.55	0.40	0.91	0.43	0.45	0.36	0.53	0.57	0.35
<i>SD</i>	<i>2.89</i>	<i>1.95</i>	<i>4.26</i>	<i>3.35</i>	<i>2.22</i>	<i>4.45</i>	<i>2.37</i>	<i>2.90</i>	<i>2.19</i>	<i>2.82</i>	<i>3.39</i>	<i>2.20</i>
Other station OP visit days, mean	1.21	2.09	0.80	1.58	1.42	1.71	1.03	1.15	0.73	0.73	1.38	1.23
<i>SD</i>	<i>4.66</i>	<i>6.91</i>	<i>4.26</i>	<i>6.55</i>	<i>4.44</i>	<i>6.05</i>	<i>3.23</i>	<i>4.10</i>	<i>3.15</i>	<i>3.17</i>	<i>4.97</i>	<i>3.69</i>

Table 3D: FY02 Patients w/ Bipolar Disorder, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
annual psych. clinic stops (groupings below), mean	18.46	36.46	20.87	13.74	13.92	12.44	14.97	16.95	15.91	16.34	33.32
<i>SD</i>	<i>41.73</i>	<i>79.40</i>	<i>45.82</i>	<i>30.95</i>	<i>30.38</i>	<i>22.25</i>	<i>28.60</i>	<i>29.41</i>	<i>33.33</i>	<i>38.00</i>	<i>67.84</i>
1. general psych. clinic stops, mean	7.81	11.07	9.56	5.11	6.05	7.86	7.84	7.12	8.55	7.13	13.37
<i>SD</i>	<i>12.93</i>	<i>19.49</i>	<i>17.87</i>	<i>7.05</i>	<i>10.09</i>	<i>10.82</i>	<i>13.84</i>	<i>8.93</i>	<i>12.77</i>	<i>12.21</i>	<i>24.14</i>
2. psych. case management clinic stops, mean	0.62	3.17	0.39	0.32	0.36	0.11	0.55	0.52	0.09	0.14	0.76
<i>SD</i>	<i>8.19</i>	<i>23.18</i>	<i>6.80</i>	<i>4.02</i>	<i>5.22</i>	<i>1.35</i>	<i>5.45</i>	<i>5.53</i>	<i>1.90</i>	<i>2.38</i>	<i>5.84</i>
3. psych. day treatment clinic stops, mean	1.85	5.08	0.95	1.11	0.65	0.02	1.10	1.12	2.08	2.25	6.27
<i>SD</i>	<i>16.93</i>	<i>39.10</i>	<i>11.53</i>	<i>12.35</i>	<i>8.76</i>	<i>0.45</i>	<i>3.86</i>	<i>11.47</i>	<i>12.80</i>	<i>23.47</i>	<i>31.91</i>
4. substance abuse clinic stops, mean	4.62	11.14	4.81	3.96	3.38	2.23	3.51	5.29	3.46	3.13	7.55
<i>SD</i>	<i>21.38</i>	<i>44.57</i>	<i>17.27</i>	<i>16.96</i>	<i>12.84</i>	<i>9.61</i>	<i>19.05</i>	<i>19.62</i>	<i>20.66</i>	<i>15.90</i>	<i>26.88</i>
5. psych. vocational clinic stops, mean	1.97	4.07	4.07	1.28	2.26	1.05	0.52	0.92	0.37	1.52	2.98
<i>SD</i>	<i>15.43</i>	<i>24.34</i>	<i>23.06</i>	<i>11.05</i>	<i>17.39</i>	<i>10.91</i>	<i>7.94</i>	<i>8.12</i>	<i>4.53</i>	<i>12.30</i>	<i>20.80</i>
6. PTSD clinic stops, mean	0.89	0.92	0.94	0.65	0.51	0.69	0.78	1.25	0.66	1.24	1.64
<i>SD</i>	<i>6.30</i>	<i>6.46</i>	<i>6.00</i>	<i>5.80</i>	<i>3.59</i>	<i>3.95</i>	<i>4.37</i>	<i>5.56</i>	<i>4.48</i>	<i>8.05</i>	<i>10.79</i>
7. psych. homeless clinic stops, mean	0.62	0.98	0.14	1.21	0.66	0.37	0.57	0.71	0.66	0.89	0.63
<i>SD</i>	<i>4.15</i>	<i>8.07</i>	<i>1.09</i>	<i>6.14</i>	<i>3.71</i>	<i>1.93</i>	<i>2.98</i>	<i>3.72</i>	<i>4.86</i>	<i>2.86</i>	<i>4.47</i>
Other VISN OP visit days, mean	0.50	0.41	0.55	0.53	0.56	0.56	0.55	0.67	0.52	0.38	0.67
<i>SD</i>	<i>2.89</i>	<i>2.66</i>	<i>3.35</i>	<i>2.93</i>	<i>2.79</i>	<i>2.62</i>	<i>2.58</i>	<i>3.62</i>	<i>2.60</i>	<i>2.11</i>	<i>3.89</i>
Other station OP visit days, mean	1.21	2.39	0.66	1.00	0.91	0.98	1.13	1.23	1.21	0.82	1.62
<i>SD</i>	<i>4.66</i>	<i>7.92</i>	<i>3.67</i>	<i>3.85</i>	<i>3.85</i>	<i>3.56</i>	<i>3.81</i>	<i>4.47</i>	<i>4.22</i>	<i>3.08</i>	<i>5.85</i>

Table 3E: FY02 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Hospital Based Utilization</u>												
Patients with some Hospital Based Utilization, %	34.0%	30.7%	35.0%	26.9%	30.0%	38.7%	36.0%	34.6%	26.8%	42.5%	35.1%	34.4%
<u>Hospital based utilization: Overall</u> (psych & non-psych- for those with some hosp.util.)												
Inpatient stays, mean	1.83	1.85	1.85	1.71	1.75	2.06	1.85	1.75	1.79	1.93	1.88	2.02
<i>SD</i>	<i>1.41</i>	<i>1.44</i>	<i>1.50</i>	<i>1.38</i>	<i>1.20</i>	<i>2.01</i>	<i>1.49</i>	<i>1.31</i>	<i>1.33</i>	<i>1.38</i>	<i>1.37</i>	<i>1.70</i>
Average LOS, mean	10.13	12.37	8.56	13.30	10.81	11.07	11.73	11.63	8.28	9.34	10.38	8.47
<i>SD</i>	<i>16.95</i>	<i>23.25</i>	<i>8.28</i>	<i>22.74</i>	<i>19.73</i>	<i>17.55</i>	<i>21.22</i>	<i>21.59</i>	<i>11.51</i>	<i>16.46</i>	<i>12.25</i>	<i>11.02</i>
Cumulative DOS, mean	17.58	21.44	15.04	21.40	18.20	20.97	19.73	19.30	14.26	17.42	18.06	16.07
<i>SD</i>	<i>26.52</i>	<i>36.00</i>	<i>17.20</i>	<i>34.50</i>	<i>29.34</i>	<i>29.84</i>	<i>28.89</i>	<i>30.42</i>	<i>19.38</i>	<i>26.18</i>	<i>21.06</i>	<i>20.11</i>
Cumulative DOS, %												
1 to 7	40.9%	38.3%	41.9%	39.9%	40.7%	40.0%	33.7%	38.6%	46.5%	41.4%	35.7%	41.2%
8 to 14	23.5%	21.3%	22.9%	19.9%	22.2%	23.0%	23.5%	23.4%	24.0%	24.5%	23.6%	24.9%
15 to 44	27.7%	30.3%	30.1%	28.7%	29.0%	24.3%	34.6%	28.7%	23.6%	26.2%	31.3%	26.9%
45 to 89	6.0%	6.9%	3.9%	7.9%	6.1%	8.3%	6.0%	6.5%	4.8%	5.8%	8.6%	5.4%
90 to 179	1.5%	1.9%	1.1%	2.5%	1.4%	4.2%	1.3%	2.0%	0.8%	1.6%	0.6%	1.5%
180 to 359	0.5%	1.1%	0.0%	0.8%	0.5%	0.2%	0.7%	0.7%	0.2%	0.5%	0.2%	0.0%
360+	0.1%	0.2%	0.0%	0.3%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	1.0%	2.3%	0.0%	1.6%	1.4%	2.0%	1.5%	1.3%	0.6%	1.2%	0.4%	0.2%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	192.53	201.73	0.00	210.00	207.83	151.00	196.00	204.60	159.67	180.67	185.00	148.00
<i>SD</i>	<i>70.65</i>	<i>78.13</i>	<i>0.00</i>	<i>95.01</i>	<i>88.60</i>	<i>22.01</i>	<i>72.45</i>	<i>78.79</i>	<i>55.40</i>	<i>63.29</i>	<i>60.81</i>	<i>0.00</i>
Hospital patients who had a 150+ day hosp. stay, %	0.5%	1.3%	0.0%	1.1%	0.9%	0.7%	0.9%	0.8%	0.2%	0.4%	0.2%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	238.54	240.17	0.00	260.00	248.25	166.00	229.83	242.00	199.00	259.25	228.00	0.00
<i>SD</i>	<i>65.30</i>	<i>80.66</i>	<i>0.00</i>	<i>70.56</i>	<i>80.93</i>	<i>10.54</i>	<i>73.47</i>	<i>71.67</i>	<i>59.40</i>	<i>24.35</i>	<i>0.00</i>	<i>0.00</i>
Cumulative DOS at Other VISNs	0.39	0.30	0.49	0.43	0.50	0.55	0.27	0.58	0.39	0.35	0.37	0.43
<i>SD</i>	<i>3.04</i>	<i>2.65</i>	<i>3.53</i>	<i>3.31</i>	<i>3.59</i>	<i>3.40</i>	<i>2.14</i>	<i>3.60</i>	<i>3.41</i>	<i>3.90</i>	<i>3.66</i>	<i>3.06</i>
Cumulative DOS at Other Stations	1.26	1.95	0.49	1.37	2.03	2.01	1.37	2.25	0.64	0.73	1.20	1.79
<i>SD</i>	<i>5.76</i>	<i>6.93</i>	<i>3.53</i>	<i>6.00</i>	<i>6.73</i>	<i>7.71</i>	<i>5.72</i>	<i>7.42</i>	<i>3.80</i>	<i>4.82</i>	<i>5.46</i>	<i>6.06</i>

Table 3E: FY02 Patients w/ Other Psychoses, Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Hospital Based Utilization</u>											
Patients with some Hospital Based Utilization, %	34.0%	39.0%	36.5%	32.5%	36.5%	41.3%	35.3%	35.9%	28.0%	28.0%	38.3%
<u>Hospital based utilization: Overall</u>											
(psych & non-psych- for those with some hosp.util.)											
Inpatient stays, mean	1.83	2.01	1.85	1.73	1.87	1.87	1.75	1.87	1.83	1.59	1.84
<i>SD</i>	1.41	1.50	1.44	1.21	1.67	1.37	1.18	1.35	1.45	1.10	1.45
Average LOS, mean	10.13	10.10	8.90	10.10	15.82	6.95	10.09	8.11	9.14	11.54	7.00
<i>SD</i>	16.95	17.02	12.38	12.12	33.00	6.94	14.97	9.15	10.62	17.06	6.83
Cumulative DOS, mean	17.58	19.34	15.68	17.46	25.78	13.21	17.60	14.05	16.43	17.08	12.61
<i>SD</i>	26.52	30.72	20.69	22.67	44.54	17.88	28.56	14.78	22.48	22.86	16.74
Cumulative DOS, %											
1 to 7	40.9%	37.7%	40.1%	40.6%	34.8%	46.6%	42.6%	39.7%	43.1%	46.1%	48.9%
8 to 14	23.5%	23.9%	26.7%	22.2%	22.3%	24.9%	23.8%	26.4%	23.3%	20.0%	23.5%
15 to 44	27.7%	29.7%	26.8%	28.7%	29.5%	24.0%	26.9%	29.7%	26.1%	24.8%	24.4%
45 to 89	6.0%	6.6%	5.1%	6.7%	8.0%	4.0%	5.0%	3.5%	5.7%	7.2%	2.4%
90 to 179	1.5%	1.6%	0.9%	1.6%	3.2%	0.4%	0.8%	0.7%	1.6%	1.8%	0.6%
180 to 359	0.5%	0.6%	0.4%	0.2%	1.9%	0.1%	0.8%	0.0%	0.2%	0.0%	0.2%
360+	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hospital patients with a 100+ day hospital stay, %	1.0%	1.3%	0.5%	0.4%	3.8%	0.0%	1.1%	0.2%	0.2%	0.9%	0.4%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	192.53	217.00	195.00	169.33	205.39	0.00	219.25	129.00	273.00	146.67	175.00
<i>SD</i>	70.65	88.59	26.24	42.04	78.84	0.00	88.45	0.00	0.00	26.42	70.71
Hospital patients who had a 150+ day hosp. stay, %	0.5%	0.6%	0.5%	0.1%	2.2%	0.0%	0.6%	0.0%	0.2%	0.5%	0.2%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	238.54	297.00	195.00	220.00	250.89	0.00	270.50	0.00	273.00	169.00	225.00
<i>SD</i>	65.30	32.09	26.24	14.14	73.29	0.00	101.12	0.00	0.00	9.64	0.00
Cumulative DOS at Other VISNs	0.39	0.10	0.35	0.40	0.21	0.45	0.26	0.74	0.41	0.42	0.29
<i>SD</i>	3.04	0.88	2.82	3.12	1.56	2.83	1.85	4.54	2.72	2.72	1.95
Cumulative DOS at Other Stations	1.26	1.40	0.38	1.06	1.02	1.50	1.16	1.94	1.86	1.02	0.73
<i>SD</i>	5.76	5.28	2.86	4.61	8.77	6.20	4.56	6.32	7.13	5.18	2.85

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Hospital based utilization: Non-Psych</u>												
(non-psych- for those with some hosp.based util.)												
Pts. with non-psych hospital stays, %	23.5%	21.4%	26.7%	20.1%	20.3%	26.1%	22.8%	21.7%	20.6%	30.4%	22.7%	24.6%
Inpatient stays, mean	1.23	1.23	1.38	1.25	1.18	1.21	1.08	1.07	1.33	1.38	1.24	1.45
SD	1.36	1.38	1.39	1.36	1.24	1.37	1.28	1.33	1.32	1.45	1.45	1.76
Average LOS, mean	8.54	9.15	7.40	12.93	9.00	9.39	10.07	10.33	8.46	8.66	9.55	7.14
SD	13.72	12.89	6.50	23.96	20.54	12.01	12.00	16.55	12.77	15.20	12.41	8.39
Cumulative Days of Stay, mean	10.10	10.60	10.03	15.68	9.81	11.48	10.53	10.66	10.76	11.54	11.22	9.90
SD	19.31	17.67	14.96	33.80	20.68	20.82	20.28	22.13	18.64	21.99	19.79	15.86
Cumulative Days of Stay, %												
0	31.0%	30.3%	23.7%	25.1%	32.4%	32.6%	36.7%	37.3%	23.1%	28.4%	35.3%	28.6%
1 to 7	33.3%	33.9%	35.1%	35.5%	35.7%	32.4%	25.7%	30.2%	37.3%	33.1%	25.5%	34.3%
8 to 14	15.0%	12.2%	19.4%	12.0%	12.0%	13.0%	13.2%	12.0%	18.2%	14.3%	14.8%	16.5%
15 to 44	16.8%	19.2%	19.0%	19.4%	16.1%	15.0%	20.5%	14.8%	17.2%	19.8%	18.8%	16.5%
45 to 89	3.1%	3.4%	2.2%	5.2%	2.7%	5.4%	2.8%	4.3%	3.4%	3.3%	4.8%	3.5%
90 to 179	0.7%	1.1%	0.7%	1.6%	0.7%	1.7%	0.7%	1.2%	0.6%	0.9%	0.6%	0.5%
180 to 359	0.2%	0.0%	0.0%	0.8%	0.5%	0.0%	0.3%	0.3%	0.2%	0.3%	0.2%	0.0%
360+	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.4%	0.6%	0.0%	1.4%	0.7%	0.5%	0.6%	0.8%	0.6%	0.9%	0.4%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	180.13	122.00	0.00	228.00	192.00	121.00	180.50	159.67	159.67	169.33	185.00	0.00
SD	68.90	14.42	0.00	94.10	57.17	12.73	63.17	50.25	55.40	57.90	60.81	0.00
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.0%	0.0%	1.1%	0.5%	0.0%	0.3%	0.4%	0.2%	0.2%	0.2%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	239.22	0.00	0.00	260.00	225.00	0.00	234.00	198.33	199.00	260.50	228.00	0.00
SD	58.40	0.00	0.00	70.56	1.41	0.00	8.49	41.97	59.40	20.51	0.00	0.00
Other VISN cumulative DOS, mean	0.18	0.17	0.13	0.31	0.33	0.16	0.07	0.18	0.23	0.13	0.26	0.27
SD	2.06	2.19	1.30	3.07	2.89	1.88	1.22	1.96	3.05	2.22	3.47	2.61
Other station cumulative DOS, mean	0.55	1.05	0.13	0.90	0.82	0.46	0.49	0.69	0.39	0.26	0.64	1.08
SD	3.50	5.56	1.30	5.22	4.19	3.15	3.01	4.04	3.31	2.57	4.43	4.99

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Hospital based utilization: Non-Psych</u> (non-psych- for those with some hosp.based util.)											
Pts. with non-psych hospital stays, %	23.5%	26.8%	27.1%	20.8%	25.0%	33.4%	24.1%	22.9%	16.4%	17.4%	28.2%
Inpatient stays, mean	1.23	1.33	1.37	1.10	1.16	1.43	1.19	1.21	0.93	0.96	1.32
<i>SD</i>	<i>1.36</i>	<i>1.49</i>	<i>1.53</i>	<i>1.27</i>	<i>1.26</i>	<i>1.24</i>	<i>1.29</i>	<i>1.42</i>	<i>1.15</i>	<i>1.11</i>	<i>1.35</i>
Average LOS, mean	8.54	9.10	8.24	8.89	9.97	6.07	6.69	6.65	7.19	8.58	6.12
<i>SD</i>	<i>13.72</i>	<i>18.60</i>	<i>14.56</i>	<i>11.26</i>	<i>19.09</i>	<i>5.63</i>	<i>5.55</i>	<i>9.43</i>	<i>9.83</i>	<i>14.30</i>	<i>5.73</i>
Cumulative Days of Stay, mean	10.10	11.22	10.90	9.53	11.05	8.81	7.98	7.60	6.81	8.06	7.80
<i>SD</i>	<i>19.31</i>	<i>23.96</i>	<i>20.16</i>	<i>17.15</i>	<i>23.91</i>	<i>11.30</i>	<i>11.58</i>	<i>12.66</i>	<i>16.78</i>	<i>16.24</i>	<i>10.78</i>
Cumulative Days of Stay, %											
0	31.0%	31.3%	25.7%	36.1%	31.7%	18.9%	31.7%	36.0%	41.4%	37.8%	26.5%
1 to 7	33.3%	29.7%	35.6%	29.1%	31.3%	43.0%	35.6%	31.3%	33.5%	35.0%	40.2%
8 to 14	15.0%	16.6%	17.7%	14.5%	15.6%	18.9%	15.4%	15.2%	12.7%	11.6%	15.7%
15 to 44	16.8%	18.3%	16.3%	16.3%	16.3%	17.3%	16.0%	15.6%	10.2%	12.6%	16.1%
45 to 89	3.1%	3.3%	3.7%	3.1%	4.1%	1.8%	1.1%	1.7%	2.0%	2.3%	1.3%
90 to 179	0.7%	0.6%	0.6%	0.7%	0.7%	0.0%	0.3%	0.2%	0.0%	0.8%	0.2%
180 to 359	0.2%	0.3%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day non-psych hosp.stay, %	0.4%	0.5%	0.5%	0.3%	0.6%	0.0%	0.0%	0.2%	0.2%	0.3%	0.0%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	180.13	260.67	193.25	155.25	218.60	0.00	0.00	129.00	273.00	140.50	0.00
<i>SD</i>	<i>68.90</i>	<i>103.85</i>	<i>28.59</i>	<i>36.44</i>	<i>119.40</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>50.20</i>	<i>0.00</i>
Hosp. Pts. with a 150+ day non-psych hosp.stay, %	0.2%	0.3%	0.5%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	239.22	319.00	193.25	206.00	346.50	0.00	0.00	0.00	273.00	176.00	0.00
<i>SD</i>	<i>58.40</i>	<i>33.94</i>	<i>28.59</i>	<i>0.00</i>	<i>26.16</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Other VISN cumulative DOS, mean	<i>0.18</i>	<i>0.04</i>	<i>0.20</i>	<i>0.20</i>	<i>0.13</i>	<i>0.25</i>	<i>0.08</i>	<i>0.14</i>	<i>0.08</i>	<i>0.25</i>	<i>0.20</i>
<i>SD</i>	2.06	0.42	2.34	1.79	1.20	1.90	0.68	1.11	0.93	2.16	1.45
Other station cumulative DOS, mean	0.55	0.58	0.23	0.50	0.23	0.78	0.53	0.73	0.61	0.55	0.53
<i>SD</i>	<i>3.50</i>	<i>3.91</i>	<i>2.38</i>	<i>2.74</i>	<i>1.59</i>	<i>3.81</i>	<i>2.59</i>	<i>3.46</i>	<i>3.87</i>	<i>4.34</i>	<i>2.40</i>

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Hospital based utilization: Psychiatric</u> (psych- for those with some hosp.based util.)												
Pts. with psych hospital stays, %	13.3%	12.1%	11.0%	8.4%	11.8%	16.9%	16.2%	15.8%	8.3%	14.8%	16.0%	12.9%
Inpatient stays, mean	0.61	0.62	0.47	0.46	0.57	0.86	0.78	0.68	0.46	0.54	0.64	0.57
SD	1.08	1.07	0.95	0.89	0.93	1.68	1.34	0.99	0.91	1.00	0.89	0.96
Average LOS, mean	13.01	18.73	11.23	13.62	14.16	13.15	13.90	13.34	7.81	10.65	11.20	11.57
SD	21.60	34.51	11.22	17.71	18.42	23.03	29.24	26.24	6.61	18.10	11.73	15.68
Cumulative Days of Stay, mean	7.49	10.83	5.01	5.72	8.40	9.49	9.20	8.65	3.50	5.88	6.84	6.17
SD	20.89	33.18	12.15	14.11	23.90	24.18	23.66	23.86	8.85	17.69	12.87	15.25
Cumulative Days of Stay, %												
0	60.8%	60.4%	68.5%	68.9%	60.6%	56.4%	55.1%	54.4%	69.1%	65.0%	54.3%	62.5%
1 to 7	14.4%	11.4%	12.5%	9.0%	11.1%	17.6%	14.5%	15.3%	16.6%	13.8%	17.9%	14.6%
8 to 14	10.3%	10.5%	6.8%	9.8%	11.1%	11.5%	11.7%	12.5%	6.5%	12.0%	12.3%	9.9%
15 to 44	11.1%	12.8%	10.0%	9.6%	14.3%	8.8%	15.3%	14.4%	6.9%	6.0%	12.7%	10.1%
45 to 89	2.5%	2.5%	1.8%	2.2%	2.0%	2.9%	2.2%	2.6%	0.8%	2.5%	2.9%	2.2%
90 to 179	0.7%	1.3%	0.4%	0.5%	0.7%	2.7%	0.7%	0.3%	0.1%	0.5%	0.0%	0.7%
180 to 359	0.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.2%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.6%	1.9%	0.0%	0.3%	0.7%	1.5%	0.9%	0.5%	0.0%	0.3%	0.0%	0.2%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	195.13	204.67	0.00	120.00	223.33	158.67	193.17	271.00	0.00	214.67	0.00	148.00
SD	73.04	80.17	0.00	0.00	125.31	11.47	90.87	66.58	0.00	79.43	0.00	0.00
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.3%	1.3%	0.0%	0.0%	0.5%	0.7%	0.6%	0.4%	0.0%	0.2%	0.0%	0.0%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	235.70	238.33	0.00	0.00	271.50	166.00	227.75	285.67	0.00	258.00	0.00	0.00
SD	69.26	78.73	0.00	0.00	132.23	10.54	94.63	73.20	0.00	36.77	0.00	0.00
Other VISN cumulative DOS, mean	0.21	0.13	0.37	0.12	0.17	0.39	0.20	0.40	0.16	0.21	0.11	0.16
SD	2.19	1.45	3.24	1.28	2.14	2.43	1.76	3.03	1.47	3.21	1.19	1.62
Other station cumulative DOS, mean	0.71	0.90	0.37	0.47	1.21	1.55	0.88	1.56	0.25	0.47	0.56	0.71
SD	4.53	4.20	3.24	3.11	5.45	6.76	4.75	6.21	1.80	4.11	2.77	3.62

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Hospital based utilization: Psychiatric</u>											
(psych- for those with some hosp.based util.)											
Pts. with psych hospital stays, %	13.3%	15.2%	13.0%	14.6%	15.6%	10.6%	13.1%	15.9%	13.8%	12.6%	12.6%
Inpatient stays, mean	0.61	0.68	0.48	0.63	0.72	0.45	0.56	0.66	0.90	0.63	0.52
SD	1.08	1.19	0.80	0.89	1.49	1.05	0.92	0.97	1.41	0.94	1.14
Average LOS, mean	13.01	12.41	10.35	12.19	24.99	9.59	16.49	10.13	11.49	15.47	9.29
SD	21.60	17.25	8.49	14.07	46.93	9.70	22.68	8.15	11.82	19.66	9.39
Cumulative Days of Stay, mean	7.49	8.12	4.78	7.93	14.73	4.40	9.62	6.45	9.62	9.03	4.81
SD	20.89	22.80	9.99	17.64	40.22	15.36	28.50	11.71	18.09	19.19	14.50
Cumulative Days of Stay, %											
0	60.8%	61.1%	64.5%	54.9%	57.4%	74.2%	63.0%	55.8%	50.6%	55.2%	67.2%
1 to 7	14.4%	14.4%	12.7%	17.4%	12.5%	10.4%	11.2%	14.3%	16.3%	16.9%	14.4%
8 to 14	10.3%	8.8%	11.8%	10.7%	8.5%	6.4%	9.8%	14.9%	12.4%	9.7%	8.9%
15 to 44	11.1%	12.0%	9.8%	12.8%	13.3%	6.9%	10.9%	13.1%	16.1%	12.3%	8.0%
45 to 89	2.5%	2.5%	1.0%	3.4%	4.1%	1.8%	3.6%	1.6%	3.3%	4.8%	0.9%
90 to 179	0.7%	0.9%	0.2%	0.5%	2.4%	0.2%	0.6%	0.3%	1.2%	1.1%	0.4%
180 to 359	0.3%	0.3%	0.0%	0.1%	1.6%	0.1%	0.8%	0.0%	0.0%	0.0%	0.2%
360+	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hosp. Pts. with a 100+ day psych hosp.stay, %	0.6%	0.8%	0.0%	0.1%	3.2%	0.0%	1.1%	0.0%	0.0%	0.6%	0.4%
Cumul. DOS, pts with a 100+ day hosp. stay, mean	195.13	185.80	0.00	185.50	197.19	0.00	219.25	0.00	0.00	141.75	170.00
SD	73.04	81.78	0.00	34.65	72.81	0.00	88.45	0.00	0.00	28.52	63.64
Hosp. Pts. with a 150+ day psych hosp.stay, %	0.3%	0.3%	0.0%	0.1%	1.9%	0.0%	0.6%	0.0%	0.0%	0.3%	0.2%
Cumul. DOS, pts with a 150+ day hosp. stay, mean	235.70	275.00	0.00	210.00	235.56	0.00	270.50	0.00	0.00	165.50	215.00
SD	69.26	1.41	0.00	0.00	66.29	0.00	101.12	0.00	0.00	10.61	0.00
Other VISN cumulative DOS, mean	0.21	0.06	0.15	0.20	0.08	0.20	0.18	0.59	0.33	0.18	0.09
SD	2.19	0.78	1.60	2.38	0.88	2.07	1.73	4.38	2.54	1.52	1.18
Other station cumulative DOS, mean	0.71	0.82	0.16	0.56	0.79	0.72	0.63	1.21	1.25	0.47	0.20
SD	4.53	3.62	1.61	3.50	8.61	4.83	3.84	5.40	6.06	2.57	1.50

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (cointinued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
Other 24 hour institutional care												
pts with some other 24 hour institutional care, %	10.5%	8.3%	19.1%	6.4%	15.5%	14.9%	9.9%	8.1%	7.9%	10.1%	12.7%	10.5%
<u>Residential Rehabilitation</u>												
(reported for those with some res rehab care)												
pts with some residential rehab. care, %	0.9%	0.8%	3.4%	0.8%	0.7%	1.7%	0.8%	0.0%	0.5%	0.5%	2.7%	1.4%
Number stays, mean	1.13	1.00	1.41	1.09	1.10	1.39	1.00	1.00	1.11	1.00	1.25	1.12
SD	0.43	0.00	0.97	0.30	0.32	0.50	0.00	0.00	0.46	0.00	0.59	0.33
Average LOS, mean	30.69	36.83	21.10	16.59	13.60	31.28	30.20	16.00	56.35	18.00	15.32	37.03
SD	27.50	29.28	13.32	13.44	11.51	23.78	10.48	0.00	35.40	8.51	11.43	30.23
Cumulative DOS, mean	33.68	36.83	26.41	17.27	14.60	41.22	30.20	16.00	57.68	18.00	18.68	44.53
SD	30.47	29.28	16.09	13.12	11.60	32.37	10.48	0.00	34.12	8.51	14.10	42.35
Cumulative Days of Stay, %												
1 to 7	11.5%	8.3%	11.1%	18.2%	40.0%	22.2%	6.7%	0.0%	0.0%	0.0%	27.5%	11.8%
8 to 14	12.3%	25.0%	18.5%	18.2%	10.0%	0.0%	0.0%	0.0%	10.5%	58.3%	15.0%	0.0%
15 to 44	54.5%	33.3%	55.6%	54.5%	50.0%	38.9%	86.7%	100.0%	26.3%	41.7%	52.5%	64.7%
45 to 89	15.0%	25.0%	14.8%	9.1%	0.0%	27.8%	6.7%	0.0%	26.3%	0.0%	5.0%	5.9%
90 to 179	6.4%	8.3%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	36.8%	0.0%	0.0%	17.6%
180 to 359	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	0.0%	11.8%
Cumul. DOS, pts w/ 100+ day Res Rehab stay, mean	150.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00	0.00	0.00	130.50
SD	49.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36
Res Rehab pts with 150+ day Res Rehab stay, %	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cumul. DOS, pts w/ 150+ day Res Rehab stay, mean	227.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SD	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other VISN cumulative DOS, mean	1.24	0.00	0.19	0.00	0.30	0.22	0.00	0.00	0.00	7.33	0.73	0.00
SD	7.68	0.00	0.96	0.00	0.95	0.94	0.00	0.00	0.00	14.16	4.59	0.00
Other station cumulative DOS, mean	4.29	1.17	0.19	1.82	3.60	3.72	3.47	0.00	5.58	9.67	3.55	4.53
SD	11.63	4.04	0.96	6.03	6.55	7.45	9.64	0.00	16.71	13.88	7.38	10.19

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (cointinued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
Other 24 hour institutional care											
pts with some other 24 hour institutional care, %	10.5%	14.8%	9.7%	6.0%	11.4%	18.3%	5.3%	12.7%	9.7%	7.0%	18.8%
<u>Residential Rehabilitation</u>											
(reported for those with some res rehab care)											
pts with some residential rehab. care, %	0.9%	3.0%	0.2%	0.6%	1.2%	0.7%	1.1%	1.7%	0.6%	0.0%	1.8%
Number stays, mean	<i>1.13</i>	<i>1.14</i>	<i>1.00</i>	<i>1.00</i>	<i>1.04</i>	<i>1.07</i>	<i>1.00</i>	<i>1.00</i>	<i>1.09</i>	<i>0.00</i>	<i>1.15</i>
<i>SD</i>	<i>0.43</i>	<i>0.35</i>	<i>0.00</i>	<i>0.00</i>	<i>0.20</i>	<i>0.27</i>	<i>0.00</i>	<i>0.00</i>	<i>0.30</i>	<i>0.00</i>	<i>0.37</i>
Average LOS, mean	30.69	36.62	114.50	31.96	19.88	28.21	38.18	21.85	54.32	0.00	40.17
<i>SD</i>	<i>27.50</i>	<i>29.00</i>	<i>122.85</i>	<i>12.73</i>	<i>11.41</i>	<i>22.69</i>	<i>26.00</i>	<i>11.22</i>	<i>29.83</i>	<i>0.00</i>	<i>24.30</i>
Cumulative DOS, mean	33.68	41.62	114.50	31.96	22.42	33.00	38.18	21.85	55.09	0.00	43.96
<i>SD</i>	<i>30.47</i>	<i>34.83</i>	<i>122.85</i>	<i>12.73</i>	<i>23.26</i>	<i>35.15</i>	<i>26.00</i>	<i>11.22</i>	<i>28.61</i>	<i>0.00</i>	<i>24.08</i>
Cumulative Days of Stay, %											
1 to 7	11.5%	10.0%	0.0%	0.0%	11.5%	14.3%	0.0%	18.5%	0.0%	0.0%	0.0%
8 to 14	12.3%	6.0%	25.0%	13.0%	11.5%	14.3%	27.3%	7.4%	9.1%	0.0%	7.7%
15 to 44	54.5%	54.0%	25.0%	82.6%	73.1%	57.1%	54.5%	70.4%	18.2%	0.0%	38.5%
45 to 89	15.0%	22.0%	0.0%	4.3%	0.0%	7.1%	9.1%	3.7%	63.6%	0.0%	46.2%
90 to 179	6.4%	8.0%	25.0%	0.0%	3.8%	7.1%	9.1%	0.0%	9.1%	0.0%	7.7%
180 to 359	0.3%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
360+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%
Res Rehab pts with 100+ day Res Rehab stay, %	2.7%	4.0%	50.0%	0.0%	3.8%	7.1%	0.0%	0.0%	9.1%	0.0%	0.0%
Cumul. DOS, pts with a 100+ day C.C. stay, mean	150.20	172.00	209.50	0.00	132.00	134.00	0.00	0.00	107.00	0.00	0.00
<i>SD</i>	<i>49.99</i>	<i>8.49</i>	<i>95.46</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Res Rehab pts with 150+ day Res Rehab stay, %	0.5%	2.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cumul. DOS, pts with a 150+ day C.C. stay, mean	227.50	178.00	277.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>SD</i>	<i>70.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Other VISN cumulative DOS, mean	1.24	0.00	3.50	4.61	0.00	2.07	8.36	0.19	1.27	0.00	2.81
<i>SD</i>	<i>7.68</i>	<i>0.00</i>	<i>7.00</i>	<i>16.21</i>	<i>0.00</i>	<i>7.75</i>	<i>27.74</i>	<i>0.96</i>	<i>4.22</i>	<i>0.00</i>	<i>10.28</i>
Other station cumulative DOS, mean	4.29	5.28	3.50	5.65	0.00	4.07	8.36	5.59	7.09	0.00	7.12
<i>SD</i>	<i>11.63</i>	<i>10.55</i>	<i>7.00</i>	<i>16.66</i>	<i>0.00</i>	<i>9.78</i>	<i>27.74</i>	<i>10.40</i>	<i>19.34</i>	<i>0.00</i>	<i>16.66</i>

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Domiciliary and Vocational</u> (reported for those with some dom/voc care)												
pts with some dom/voc care, %	2.0%	0.5%	2.4%	1.7%	4.1%	3.9%	2.0%	1.6%	0.2%	0.9%	3.6%	0.0%
Number stays, mean	1.12	1.14	1.42	1.17	1.08	1.15	1.08	1.17	1.11	1.10	1.20	0.00
SD	0.35	0.38	0.61	0.39	0.28	0.36	0.27	0.45	0.33	0.30	0.49	0.00
Average LOS, mean	76.44	86.29	87.90	50.35	33.53	80.16	50.30	42.09	112.06	100.07	37.34	0.00
SD	83.10	61.66	55.36	34.92	40.02	79.26	62.33	39.84	92.57	122.43	29.15	0.00
Cumulative DOS, mean	82.41	103.29	114.63	55.35	35.18	88.32	52.05	48.94	116.89	105.14	45.19	0.00
SD	85.46	84.40	72.29	34.62	40.05	80.92	61.92	46.10	89.63	121.51	42.63	0.00
Cumulative Days of Stay, %												
1 to 7	6.7%	14.3%	5.3%	4.3%	6.7%	12.2%	10.5%	14.3%	11.1%	9.5%	0.0%	0.0%
8 to 14	6.3%	0.0%	10.5%	4.3%	20.0%	7.3%	7.9%	5.7%	0.0%	0.0%	9.3%	0.0%
15 to 44	32.7%	14.3%	10.5%	47.8%	48.3%	22.0%	36.8%	40.0%	0.0%	33.3%	61.1%	0.0%
45 to 89	21.7%	14.3%	0.0%	21.7%	16.7%	14.6%	34.2%	22.9%	33.3%	23.8%	14.8%	0.0%
90 to 179	21.1%	28.6%	63.2%	21.7%	6.7%	31.7%	7.9%	14.3%	44.4%	14.3%	11.1%	0.0%
180 to 359	7.8%	28.6%	10.5%	0.0%	1.7%	9.8%	0.0%	2.9%	11.1%	4.8%	3.7%	0.0%
360+	3.7%	0.0%	0.0%	0.0%	0.0%	2.4%	2.6%	0.0%	0.0%	14.3%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
Dom. pts with 100+ day Dom. stay, %	27.9%	57.1%	63.2%	17.4%	5.0%	36.6%	10.5%	8.6%	33.3%	28.6%	9.3%	0.0%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	191.55	159.75	157.00	107.75	172.67	170.47	185.50	153.00	203.00	267.33	146.00	0.00
SD	87.37	63.22	48.73	6.24	58.40	69.46	119.10	51.47	112.80	113.68	54.97	0.00
Dom. pts with 150+ day Dom. stay, %	14.2%	14.3%	26.3%	0.0%	3.3%	17.1%	2.6%	2.9%	11.1%	19.0%	1.9%	0.0%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	253.70	184.00	197.60	0.00	194.50	218.86	364.00	208.00	333.00	334.25	205.00	0.00
SD	80.29	0.00	44.95	0.00	62.93	74.45	0.00	0.00	0.00	59.50	0.00	0.00
Other VISN cumulative DOS, mean	1.63	0.00	6.32	0.09	1.35	3.05	1.71	3.37	0.78	1.10	2.41	0.00
SD	9.00	0.00	11.41	0.42	6.58	10.14	9.16	11.96	2.33	3.87	14.50	0.00
Other station cumulative DOS, mean	3.95	20.00	6.32	9.26	9.83	4.39	2.16	4.20	0.78	3.29	4.17	0.00
SD	13.48	40.60	11.41	25.00	15.93	12.48	9.49	12.08	2.33	10.52	16.03	0.00

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Domiciliary and Vocational</u>											
(reported for those with some dom/voc care)											
pts with some dom/voc care, %	2.0%	3.6%	0.9%	0.9%	2.9%	4.3%	0.2%	5.1%	1.3%	1.2%	4.8%
Number stays, mean	1.12	1.10	1.05	1.06	1.12	1.07	1.00	1.07	1.05	1.00	1.25
SD	0.35	0.36	0.22	0.24	0.33	0.25	0.00	0.26	0.21	0.00	0.50
Average LOS, mean	76.44	86.51	104.35	70.50	107.52	88.25	12.00	110.63	63.70	61.64	80.19
SD	83.10	111.20	82.04	72.45	103.44	66.02	15.56	111.82	57.60	66.48	84.92
Cumulative DOS, mean	82.41	91.00	109.65	76.00	115.25	93.79	12.00	114.00	64.50	61.64	91.04
SD	85.46	110.67	85.51	78.74	103.69	70.74	15.56	111.76	57.05	66.48	88.33
Cumulative Days of Stay, %											
1 to 7	6.7%	6.8%	0.0%	17.1%	1.5%	5.7%	50.0%	2.4%	13.6%	14.3%	3.0%
8 to 14	6.3%	8.5%	0.0%	0.0%	4.6%	3.4%	0.0%	4.9%	0.0%	7.1%	6.0%
15 to 44	32.7%	35.6%	30.0%	34.3%	23.1%	14.9%	50.0%	31.7%	31.8%	39.3%	31.3%
45 to 89	21.7%	15.3%	20.0%	22.9%	26.2%	32.2%	0.0%	19.5%	27.3%	17.9%	23.9%
90 to 179	21.1%	16.9%	30.0%	14.3%	27.7%	34.5%	0.0%	19.5%	18.2%	10.7%	20.9%
180 to 359	7.8%	8.5%	20.0%	11.4%	9.2%	6.9%	0.0%	11.0%	9.1%	10.7%	10.4%
360+	3.7%	8.5%	0.0%	0.0%	7.7%	2.3%	0.0%	11.0%	0.0%	0.0%	4.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Dom. pts with 100+ day Dom. stay, %	27.9%	30.5%	45.0%	25.7%	41.5%	35.6%	0.0%	39.0%	22.7%	21.4%	29.9%
Cumul. DOS, pts with a 100+ day Dom. stay, mean	191.55	224.50	180.22	192.56	210.26	164.32	0.00	228.13	155.00	175.50	195.35
SD	87.37	114.43	77.51	63.48	97.39	67.16	0.00	98.09	38.93	47.55	94.46
Dom. pts with 150+ day Dom. stay, %	14.2%	16.9%	20.0%	20.0%	23.1%	13.8%	0.0%	29.3%	9.1%	14.3%	13.4%
Cumul. DOS, pts with a 150+ day Dom. stay, mean	253.70	313.50	247.50	211.71	276.00	216.00	0.00	264.50	194.50	201.75	276.00
SD	80.29	69.19	68.58	58.45	82.98	79.33	0.00	85.84	17.68	28.22	77.80
Other VISN cumulative DOS, mean	1.63	0.00	3.90	3.94	0.49	1.95	12.00	0.01	1.95	1.39	1.03
SD	9.00	0.00	9.89	11.24	3.97	14.68	15.56	0.11	8.73	7.37	7.19
Other station cumulative DOS, mean	3.95	6.19	3.90	6.46	0.49	2.29	12.00	1.57	4.18	1.39	1.45
SD	13.48	17.83	9.89	14.64	3.97	14.96	15.56	7.30	13.27	7.37	7.67

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Nursing Home Care</u>												
(reported for those with some nursing home care)												
pts with some nursing home care, %	7.9%	7.2%	14.3%	4.3%	10.9%	9.8%	7.1%	6.5%	7.1%	8.8%	7.9%	9.1%
Number stays, mean	1.31	1.38	1.39	1.17	1.35	1.32	1.24	1.19	1.25	1.38	1.28	1.16
SD	0.70	0.70	0.73	0.46	0.79	0.56	0.57	0.47	0.54	0.80	0.55	0.44
Average LOS, mean	55.76	48.05	49.96	114.40	81.34	48.93	66.63	72.05	54.61	36.44	58.49	74.59
SD	72.99	68.06	74.13	122.56	102.15	67.00	81.69	94.10	66.16	41.57	76.99	88.91
Cumulative DOS, mean	66.11	62.62	62.05	123.98	90.43	64.27	76.48	79.20	66.22	46.11	69.50	79.51
SD	80.37	81.36	78.63	125.38	102.63	85.01	89.74	95.69	78.12	51.34	87.67	91.15
Cumulative Days of Stay, %												
1 to 7	10.3%	15.3%	15.8%	3.4%	13.0%	7.8%	9.2%	8.3%	8.4%	11.8%	10.2%	15.9%
8 to 14	15.4%	15.3%	14.9%	5.2%	11.2%	28.2%	16.8%	25.0%	20.2%	13.3%	16.1%	11.2%
15 to 44	34.6%	36.0%	30.7%	27.6%	27.3%	34.0%	27.5%	24.3%	28.5%	49.3%	29.7%	24.3%
45 to 89	16.6%	10.8%	16.7%	20.7%	11.2%	6.8%	19.8%	13.9%	18.6%	12.8%	25.4%	17.8%
90 to 179	13.2%	13.5%	14.9%	17.2%	19.9%	9.7%	13.7%	12.5%	14.8%	9.0%	6.8%	20.6%
180 to 359	8.2%	7.2%	5.3%	12.1%	12.4%	13.6%	10.7%	12.5%	7.6%	3.8%	10.2%	8.4%
360+	1.7%	1.8%	1.8%	13.8%	5.0%	0.0%	2.3%	3.5%	1.9%	0.0%	1.7%	1.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts with 100+ day NH stay, %	18.6%	18.9%	16.7%	37.9%	29.8%	18.4%	24.4%	23.6%	17.1%	9.5%	16.1%	26.2%
Cumul. DOS, pts with a 100+ day NH stay, mean	207.74	200.38	206.63	256.59	219.52	227.00	209.53	227.53	204.11	177.65	245.74	204.18
SD	81.63	90.08	87.86	106.70	93.01	60.27	86.49	83.83	84.97	53.07	80.61	87.06
NH pts with 150+ day NH stay, %	11.7%	7.2%	9.6%	27.6%	20.5%	15.5%	16.0%	17.4%	10.3%	4.7%	11.0%	19.6%
Cumul. DOS, pts with a 150+ day NH stay, mean	250.77	259.75	256.64	307.50	265.30	237.63	252.33	260.88	253.22	203.80	283.08	234.57
SD	69.99	83.37	83.39	75.87	75.51	54.07	76.06	70.22	75.39	40.49	57.88	79.51
Other VISN cumulative DOS, mean	0.18	0.22	0.23	0.00	0.09	0.13	0.28	0.00	0.25	0.53	0.06	0.00
SD	2.82	2.28	2.44	0.00	1.18	1.28	3.06	0.00	3.36	7.64	0.64	0.00
Other station cumulative DOS, mean	0.71	1.41	0.23	0.00	1.08	0.51	0.85	0.06	0.41	0.63	0.54	0.00
SD	6.18	10.06	2.44	0.00	5.99	2.81	5.80	0.67	4.27	7.78	2.86	0.00

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Nursing Home Care</u>											
(reported for those with some nursing home care)											
pts with some nursing home care, %	7.9%	8.8%	8.8%	4.6%	8.1%	13.5%	4.1%	6.2%	7.9%	5.9%	12.8%
Number stays, mean	1.31	1.19	1.26	1.31	1.27	1.36	1.17	1.20	1.82	1.30	1.29
<i>SD</i>	<i>0.70</i>	<i>0.48</i>	<i>0.61</i>	<i>0.65</i>	<i>0.60</i>	<i>0.67</i>	<i>0.44</i>	<i>0.47</i>	<i>1.56</i>	<i>0.56</i>	<i>0.62</i>
Average LOS, mean	55.76	42.53	48.35	57.96	66.86	38.85	103.65	47.80	53.63	50.39	46.54
<i>SD</i>	<i>72.99</i>	<i>53.61</i>	<i>55.42</i>	<i>72.19</i>	<i>69.93</i>	<i>53.87</i>	<i>115.39</i>	<i>69.91</i>	<i>78.72</i>	<i>53.21</i>	<i>56.07</i>
Cumulative DOS, mean	66.11	51.04	56.82	67.24	76.31	49.70	113.24	54.57	68.97	65.29	56.08
<i>SD</i>	<i>80.37</i>	<i>66.63</i>	<i>63.18</i>	<i>77.18</i>	<i>76.64</i>	<i>62.18</i>	<i>121.11</i>	<i>73.59</i>	<i>87.63</i>	<i>73.53</i>	<i>63.91</i>
Cumulative Days of Stay, %											
1 to 7	10.3%	11.0%	12.7%	8.9%	6.0%	9.6%	14.6%	8.1%	10.8%	4.4%	13.3%
8 to 14	15.4%	9.7%	13.2%	19.4%	9.8%	16.5%	7.3%	18.2%	14.4%	11.8%	15.6%
15 to 44	34.6%	52.4%	32.0%	31.9%	33.3%	44.5%	24.4%	43.4%	32.4%	36.8%	35.0%
45 to 89	16.6%	13.8%	21.3%	14.7%	19.7%	14.0%	12.2%	14.1%	20.9%	27.9%	13.9%
90 to 179	13.2%	6.9%	14.7%	13.6%	20.8%	9.9%	14.6%	9.1%	10.8%	11.0%	15.6%
180 to 359	8.2%	4.8%	6.1%	10.5%	9.8%	5.1%	19.5%	6.1%	8.6%	6.6%	6.7%
360+	1.7%	1.4%	0.0%	1.0%	0.5%	0.4%	7.3%	1.0%	2.2%	1.5%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
NH pts with 100+ day NH stay, %	18.6%	11.7%	16.2%	21.5%	25.7%	9.9%	41.5%	13.1%	16.5%	14.7%	17.8%
Cumul. DOS, pts with a 100+ day NH stay, mean	207.74	203.82	176.88	195.34	184.21	204.48	237.06	217.62	239.91	211.60	173.19
<i>SD</i>	<i>81.63</i>	<i>91.58</i>	<i>58.45</i>	<i>67.25</i>	<i>70.84</i>	<i>71.96</i>	<i>90.15</i>	<i>81.75</i>	<i>84.78</i>	<i>86.69</i>	<i>55.79</i>
NH pts with 150+ day NH stay, %	11.7%	6.9%	7.6%	14.7%	13.1%	6.3%	31.7%	9.1%	12.2%	8.8%	8.9%
Cumul. DOS, pts with a 150+ day NH stay, mean	250.77	263.00	228.73	228.43	234.75	236.59	268.85	254.78	273.59	265.92	209.81
<i>SD</i>	<i>69.99</i>	<i>73.03</i>	<i>44.12</i>	<i>54.49</i>	<i>59.99</i>	<i>66.28</i>	<i>77.39</i>	<i>70.18</i>	<i>71.76</i>	<i>67.91</i>	<i>51.76</i>
Other VISN cumulative DOS, mean	0.18	0.26	0.02	0.16	0.13	0.20	1.20	0.27	0.09	0.15	0.00
<i>SD</i>	<i>2.82</i>	<i>2.34</i>	<i>0.16</i>	<i>1.97</i>	<i>1.77</i>	<i>1.81</i>	<i>7.65</i>	<i>2.34</i>	<i>0.83</i>	<i>1.80</i>	<i>0.00</i>
Other station cumulative DOS, mean	0.71	2.33	0.02	0.53	0.13	0.57	1.20	1.09	2.24	0.85	0.91
<i>SD</i>	<i>6.18</i>	<i>12.45</i>	<i>0.16</i>	<i>3.34</i>	<i>1.77</i>	<i>3.83</i>	<i>7.65</i>	<i>5.21</i>	<i>14.51</i>	<i>6.04</i>	<i>6.76</i>

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Outpatient utilization</u>												
(reported for those with some outpatient care)												
pts with some outpatient care, %	99.6%	99.7%	99.4%	99.6%	98.8%	99.6%	99.5%	99.4%	99.8%	99.7%	99.5%	99.7%
annual visit days, mean	20.41	25.54	26.83	22.23	17.10	23.72	15.32	19.07	19.23	15.89	22.00	17.94
SD	26.42	32.61	30.70	30.44	24.54	31.56	19.27	21.52	22.39	14.54	29.73	24.03
Outpatient visit days, %												
1-12	48.1%	39.6%	36.9%	48.7%	55.5%	42.1%	58.3%	48.1%	45.6%	51.4%	44.2%	54.7%
13-24	27.0%	28.7%	26.9%	24.2%	25.1%	29.0%	25.3%	29.0%	30.7%	30.0%	27.9%	25.1%
25-36	11.7%	14.6%	16.8%	11.0%	9.5%	13.1%	9.5%	11.2%	12.5%	10.7%	13.0%	8.9%
37-48	5.4%	5.6%	5.9%	6.1%	5.4%	6.4%	3.0%	4.8%	5.6%	4.7%	5.8%	5.2%
49+	7.6%	11.6%	13.5%	10.0%	4.5%	9.4%	3.9%	6.9%	5.6%	3.2%	9.1%	6.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% of Outpts who had some Primary Care (PC)	82.3%	79.9%	83.8%	80.7%	85.5%	83.1%	82.3%	81.8%	88.8%	83.9%	83.7%	81.9%
Mean PC visit days, among those with some PC	3.72	3.95	3.64	3.05	3.58	4.97	3.69	3.66	4.01	3.30	3.82	3.35
SD	3.07	3.45	2.78	2.11	3.34	4.51	2.75	2.80	3.10	2.54	3.19	2.76
Average number clinic stops per visit day, mean	1.57	1.44	1.51	1.51	1.55	1.60	1.62	1.61	1.53	1.71	1.46	1.58
SD	0.55	0.46	0.50	0.52	0.57	0.49	0.56	0.57	0.54	0.64	0.46	0.52
annual clinic stops (psych & non-psych), mean	32.04	37.04	40.64	32.86	25.75	38.50	24.42	30.81	29.65	26.25	33.42	28.22
SD	44.37	48.25	50.07	47.04	35.09	53.79	31.09	39.60	38.18	24.86	47.91	37.89
annual non-psych. clinic stops, mean	22.70	23.84	28.94	23.13	18.60	26.31	19.14	22.35	24.01	22.98	21.13	19.87
SD	26.14	28.06	31.62	26.84	20.21	25.32	20.66	23.63	27.21	22.22	25.08	23.82

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Outpatient utilization</u>											
(reported for those with some outpatient care)											
pts with some outpatient care, %	99.6%	99.7%	99.7%	99.7%	99.5%	99.7%	99.3%	99.6%	99.3%	99.7%	99.8%
annual visit days, mean	20.41	28.54	16.82	16.49	18.50	22.08	19.06	22.97	28.72	21.45	24.55
SD	26.42	43.30	22.03	20.17	22.77	20.53	20.72	25.37	38.50	27.97	32.97
Outpatient visit days, %											
1-12	48.1%	41.9%	55.9%	55.6%	53.3%	38.9%	46.6%	39.9%	40.2%	47.4%	46.4%
13-24	27.0%	26.6%	24.1%	27.1%	24.5%	28.5%	30.1%	28.4%	24.3%	26.0%	22.7%
25-36	11.7%	12.5%	10.2%	9.1%	10.6%	15.6%	12.3%	14.5%	12.9%	12.3%	12.1%
37-48	5.4%	5.6%	5.0%	3.5%	5.2%	8.2%	3.7%	6.7%	8.1%	5.9%	6.9%
49+	7.6%	13.4%	4.8%	4.8%	6.4%	8.8%	7.4%	10.5%	14.6%	8.4%	11.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Pts. with some OP primary care , %	82.3%	83.9%	83.6%	81.2%	78.8%	83.6%	82.2%	74.8%	80.7%	81.8%	75.6%
OP visit days with primary care clinic stops, mean	3.72	4.00	3.05	3.31	3.72	4.10	3.58	3.95	4.22	4.23	3.43
SD	3.07	3.20	2.70	2.47	3.04	2.93	3.03	3.38	3.61	3.83	2.60
Average number clinic stops per visit day, mean	1.57	1.64	1.58	1.61	1.63	1.58	1.45	1.47	1.45	1.50	1.84
SD	0.55	0.54	0.53	0.56	0.60	0.50	0.41	0.43	0.49	0.53	0.67
annual clinic stops (psych & non-psych), mean	32.04	47.25	27.34	26.15	28.70	35.49	27.77	33.90	41.42	32.46	48.38
SD	44.37	74.16	39.25	35.03	35.41	37.38	32.50	39.24	60.56	46.17	71.64
annual non-psych. clinic stops, mean	22.70	26.78	19.74	19.45	22.87	26.93	20.90	22.09	22.19	23.34	29.04
SD	26.14	27.76	23.39	21.05	25.32	27.29	24.75	26.77	24.66	31.03	42.00

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
annual psych. clinic stops (groupings below), mean	9.34	13.20	11.70	9.73	7.15	12.19	5.28	8.46	5.64	3.27	12.29	8.35
SD	31.67	35.27	36.26	32.87	25.76	41.06	20.03	25.26	22.29	9.29	38.34	26.50
1. general psych. clinic stops, mean	3.71	5.56	4.24	3.04	3.04	3.67	2.55	3.89	2.87	2.18	4.58	3.12
SD	9.02	13.64	8.20	5.58	5.80	12.47	5.54	7.72	5.88	3.72	9.28	8.84
2. psych. case management clinic stops, mean	0.16	0.51	0.52	0.08	0.06	0.03	0.10	0.16	0.04	0.02	0.08	0.54
SD	3.91	7.07	5.63	1.43	1.08	0.25	1.27	4.01	0.97	0.52	1.92	7.82
3. psych. day treatment clinic stops, mean	0.81	2.14	2.13	0.50	0.11	0.43	0.15	0.39	0.55	0.10	0.68	1.15
SD	9.89	13.82	18.59	6.39	1.58	3.33	4.78	6.29	11.63	4.69	6.04	10.44
4. substance abuse clinic stops, mean	2.86	2.04	2.15	3.19	2.81	6.20	0.93	1.53	1.19	0.58	5.62	2.23
SD	20.51	12.76	13.93	24.15	22.06	35.50	5.93	9.17	13.55	5.24	30.09	15.22
5. psych. vocational clinic stops, mean	0.83	1.73	1.22	1.38	0.41	0.91	1.06	1.29	0.29	0.03	0.55	0.47
SD	10.15	13.75	17.05	14.40	6.94	7.00	13.46	11.49	4.88	0.46	6.53	9.87
6. PTSD clinic stops, mean	0.61	0.83	1.07	0.80	0.51	0.61	0.26	0.97	0.16	0.27	0.42	0.53
SD	5.22	5.15	8.38	6.22	3.74	4.77	2.33	6.87	1.77	2.68	3.29	3.86
7. psych. homeless clinic stops, mean	0.32	0.38	0.28	0.65	0.19	0.33	0.19	0.19	0.20	0.10	0.35	0.30
SD	2.93	3.82	1.88	5.49	1.62	2.10	1.86	1.72	1.80	1.11	2.52	1.65
Other VISN OP visit days, mean	0.31	0.21	0.61	0.32	0.26	0.61	0.25	0.25	0.29	0.32	0.33	0.26
SD	2.03	1.34	4.53	2.16	1.69	4.21	1.81	1.74	1.67	2.22	2.10	1.56
Other station OP visit days, mean	-	-	-	-	-	-	-	-	-	-	-	-
SD	0.76	1.19	0.61	0.75	0.96	1.04	0.74	0.96	0.51	0.46	0.97	0.98
SD	3.25	4.47	4.53	3.42	2.97	4.99	2.69	3.98	2.31	2.64	4.03	3.22

Table 3E: FY02 pts w/ Other Psychoses, Utilization, by VISN (continued)

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
annual psych. clinic stops (groupings below), mean	9.34	20.47	7.60	6.70	5.83	8.57	6.87	11.81	19.22	9.13	19.34
SD	31.67	63.08	27.06	22.56	20.39	23.97	18.97	26.43	50.69	29.10	53.24
1. general psych. clinic stops, mean	3.71	5.40	3.62	2.87	2.49	4.50	3.11	4.09	5.61	3.97	6.86
SD	9.02	15.73	11.43	5.09	6.30	9.39	6.72	6.48	9.15	8.40	18.74
2. psych. case management clinic stops, mean	0.16	0.35	0.20	0.11	0.16	0.05	0.89	0.16	0.06	0.01	0.11
SD	3.91	8.34	4.94	3.50	4.56	0.86	9.09	2.82	1.45	0.47	1.91
3. psych. day treatment clinic stops, mean	0.81	1.31	0.27	0.52	0.34	0.11	0.69	1.03	2.50	1.02	3.34
SD	9.89	10.84	5.80	8.98	5.78	2.14	4.78	10.18	14.43	13.38	21.72
4. substance abuse clinic stops, mean	2.86	10.65	2.04	1.63	1.42	2.33	1.16	3.89	7.72	2.37	5.57
SD	20.51	51.59	11.10	13.30	8.05	11.29	9.74	17.08	39.10	15.34	25.75
5. psych. vocational clinic stops, mean	0.83	1.42	0.81	0.34	0.90	0.91	0.17	0.77	1.30	0.87	2.19
SD	10.15	14.65	10.58	5.17	12.18	8.27	3.76	7.99	11.33	11.00	17.28
6. PTSD clinic stops, mean	0.61	0.74	0.59	0.82	0.26	0.37	0.50	1.13	1.37	0.48	0.79
SD	5.22	6.68	4.94	7.50	2.43	2.91	3.42	5.69	9.28	4.43	5.81
7. psych. homeless clinic stops, mean	0.32	0.59	0.07	0.35	0.26	0.24	0.32	0.73	0.65	0.39	0.44
SD	2.93	6.30	0.73	3.79	1.85	1.59	1.95	3.87	3.88	2.14	3.62
Other VISN OP visit days, mean	0.31	0.24	0.22	0.27	0.28	0.46	0.32	0.48	0.37	0.24	0.34
SD	2.03	1.49	1.39	1.92	1.49	2.41	1.55	2.36	2.07	1.45	2.03
Other station OP visit days, mean	0.76	1.34	0.24	0.54	0.42	0.92	0.63	1.07	1.22	0.60	0.93
SD	3.25	4.39	1.44	2.55	2.12	3.41	2.65	3.59	4.44	2.47	3.40

Chapter 4

Pharmacy Utilization

Background

This chapter describes pharmacy use among veterans with psychosis using VA treatment services during FY02. The primary focus remains on antipsychotic medication use among patients with schizophrenia, although future reports will include more detail about the use of other psychotropic agents and an increased emphasis on patients with bipolar disorder.

Antipsychotic medications are an essential component of the treatment of patients with schizophrenia, and are now being used more frequently for patients with bipolar disorder. Treatment guidelines recommend long-term use for patients with schizophrenia who have more than one episode of psychosis (American Psychiatric Association Work Group on Schizophrenia, 1997). Recommendations regarding the long-term use of antipsychotic medication among patients with bipolar disorder are in flux, although at least one randomized controlled study suggests that olanzapine may reduce relapse among bipolar patients when taken longer-term (Tohen et al., 2003).

This report describes in depth the use of oral antipsychotics among 95,875 veterans with a schizophrenia or schizoaffective disorder (ICD-9 codes for 295.x, excluding 295.5) who had and one or more VA treatment contacts during FY02. We also briefly describe antipsychotic use among the 70,345 veterans with bipolar disorder. (Please recall that patients were assigned the diagnostic classification that they received in the majority of treatment encounters during FY02.)

Percent of patients with any outpatient pharmacy fill/ and Percent receiving an oral antipsychotic fill

Table 4 reports the percentage of patients with schizophrenia/schizoaffective disorder, bipolar disorder, or other psychoses who received any outpatient medications and the percentage receiving oral antipsychotics.

As would be expected from our selection criteria, (veterans with a psychotic diagnosis and treatment visits), the use of outpatient medications was high. Fully 95% of all patients in the Registry, 95% of veterans with schizophrenia or schizoaffective disorder, and 97% of veterans with a bipolar diagnosis filled at least one outpatient prescription during the year.

Approximately 78% of veterans with schizophrenia filled at least one oral antipsychotic prescription during the year as did 43% of veterans with bipolar disorder. Because data from the VA Pharmacy Benefits Management group do not consistently include depot antipsychotics, another 10-20% of veterans with schizophrenia may have received antipsychotics in depot format (Valenstein, Copeland, Owen, Blow, & Visnic, 2001). Thus, the large majority of patients with schizophrenia treated in the VA, receive antipsychotic medication.

The use of antipsychotic medication among patients with bipolar disorder appears to be increasing over time, with 32% receiving an antipsychotic medication in 1999 and 43% receiving an antipsychotic medication in FY02.

% Receiving Atypicals

Table 4 reports the overall percentage of patients who received atypical agents in FY02 and the percentages of patients who received each of the following atypical agents: clozapine, olanzapine, risperidone, quetiapine, and ziprasidone (new for FY02). Aripiprazole use will be tracked in future years.

The percentage of patients receiving second-generation rather than first-generation antipsychotics continues to increase with time. In FY02, 82% of patients with schizophrenia and 90% of patients with bipolar disorder received atypical antipsychotics. (In contrast, in FY99, just 59% of veterans with schizophrenia received second generation agents.)

Olanzapine and risperidone continued to be the most frequently used antipsychotic medications, with 39% of patients with schizophrenia receiving olanzapine and 37% receiving risperidone during FY02. (Because patients may be exposed to more than one atypical agent during the year, the percentages of patients exposed to the individual agents sums to larger percentage than patients receiving any antipsychotic during the year.) The use of quetiapine has continued to increase rapidly, with 21% of all patients now receiving this medication. Absolute increases in quetiapine use have ranged from 4% to 8% each of the last four years.

Although there is variation among VISNs in the use of first-generation antipsychotics, overall, there appears to be reasonable levels of access to the newer antipsychotic agents. The use of atypical agents in the VA health system is similar to the use of these agents in other settings (Hermann et al., 2002; Vanelli, Burstein, & Cramer, 2001). The recent GAO report on antipsychotic use in the VA confirmed that VA psychiatrists believe they have reasonable levels of access to these newer medications (VA Health Care: Implementation of Prescribing Guideline for Atypical Antipsychotic Drugs Generally Sound. [GAO-02-579](#) April 29, 2002).

% Receiving Clozapine

Clozapine use deserves particular scrutiny, as clozapine is the only antipsychotic agent that has proven effective in patients with refractory schizophrenia. In FY02, only 3.0 % of veterans with schizophrenia received clozapine. Although clozapine use has had a small absolute increase of 0.5% over the last 4 years, increasing from 2.5% of patients with schizophrenia in FY99 to 3.0 % of these patients currently, rates of use remains low, given that approximately 20-25% of patients with schizophrenia are refractory to treatment with other agents. Clozapine use also continues to vary considerably across VISNs (by a factor of 5). Reasons for low overall use of clozapine and the variation in use across VISNs are unclear, but this remains an area of interest.

% Receiving Concurrent Treatment with Two or More Antipsychotics

Because psychiatrists may cross-taper antipsychotics when switching medications, our measure of concurrent antipsychotic treatment includes only those individuals receiving two different antipsychotics concurrently for more than 60 days.

While undoubtedly helpful for some patients, the overall effectiveness of concurrent antipsychotics is unclear. Nevertheless in FY02, 11% of all patients in the registry and 15% of patients with schizophrenia were receiving concurrent antipsychotic treatment.

For patients with schizophrenia, this represents an absolute increase of approximately 1% for each of the last four years, or a relative increase of 36% since FY99. (In FY99, 11% of patients with schizophrenia received concurrent antipsychotic treatment compared to 15% currently.) Substantial use of concurrent antipsychotics has also been reported in other treatment settings (Clark et al., 2002). However, the increasing practice does raise a concern that patients who are refractory to antipsychotic treatment might be preferentially receiving an “add-on” antipsychotic agent rather than a clozapine trial. Closer monitoring and examination of treatment pathways may be warranted.

Average # of Prescriptions and Medication Possession Ratio (MPR)

These measures assess the continuity of antipsychotic use among patients with schizophrenia. Interruptions in antipsychotic use increase the risk of relapse, rehospitalization and admission rates among patients with schizophrenia (Valenstein et al., 2002).

We report the average number of antipsychotic prescriptions fills for patients with schizophrenia filling at least one antipsychotic prescription during FY02. We also report the average medication possession ratio (MPR) and the percentage of patients who have MPRs <0.8, for patients who received only one antipsychotic medication during the year.

The MPR is the ratio of the “number of days supply” of medication that a patient *has received* divided by the “number of days supply” that they *should have received* had they been taking medication as prescribed. An MPR of 1 indicates that the patient has received all the medication needed to take their antipsychotic medication as prescribed; whereas, a MPR of 0.5 indicates that the patient has received medication sufficient to take only half of the prescribed dose. We calculate the MPR for patients who received only one type of antipsychotic during the year, as calculations are more straightforward for these patients than for patients receiving multiple antipsychotics. The majority of patients 78% receive just one antipsychotic medication. This year, the first-generation antipsychotics were considered separately instead of together, resulting in a slightly more restrictive definition of patients receiving one antipsychotic and a small decrease in mean MPR values (from 0.83 to 0.82).

In FY02, we found that patients with schizophrenia filled an average of 8.3 antipsychotic prescriptions. The average MPR was 0.82 using the new methodology, with approximately 38% of veterans with schizophrenia having MPRs below 0.8, indicating poor antipsychotic adherence. The percentage of poorly adherent veterans has decreased over time; 44% of patients with schizophrenia were poorly adherent in FY99. The decrease in poor adherence may be the result of increased use of second-generation agents. Nevertheless, poor adherence continues to be a substantial problem among veterans with schizophrenia.

We do not report MPRs for antipsychotic medications for bipolar patients because physicians may prescribe antipsychotic medications intermittently rather than continuously for these patients. However, we note that with an average of 6.1 antipsychotic refills, many bipolar patients appear to be receiving antipsychotic medications long term.

The Pharmacy Benefits Management Strategic Health Group, at Hines VA Medical Center, provided data on all outpatient prescriptions for Registry patients in this report.

All medications in class CN701, "Phenothiazines/related, Antipsychotics" and CN709 ("Antipsychotics, other") were included in the analyses of antipsychotic agents. Atypicals were

identified in the prescription data by their generic names: clozapine, olanzapine, quetiapine, risperidone, and ziprasidone.

Findings

- The large majority of patients with schizophrenia (78%) seen in the VA receive at least one oral antipsychotic prescription. (PBM data do not consistently include depot antipsychotics, so the percentage of patients receiving depot antipsychotics cannot be determined.)
- Over 40% of patients with bipolar disorder received an oral antipsychotic prescription during the year, with the average number of refills being 6.1. This suggests that a substantial minority of bipolar patients may be on long-term antipsychotic medication.
- The percentage of veterans with schizophrenia receiving second-generation antipsychotics continues to increase. The large majority (82%) of patients with schizophrenia receiving now antipsychotics, now take second-generation agents.
- Olanzapine and risperidone remain the most commonly used atypical antipsychotics but the % of patients receiving quetiapine continues to increase rapidly (from 3.2% to 20.6% between FY99-FY02).
- Clozapine use has increased slightly among patients with schizophrenia but remains low, at just 3.0%.
- Concurrent use of two or more antipsychotic medications continues to increase among patients with schizophrenia (from 10.6% in FY99 to 14.9% currently.)
- Pharmacy data indicate that the percentage of poorly adherent veterans with schizophrenia has decreased, from 44% in FY99 to 38% in FY02.

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Table 4A: FY02 Patient w/ Psychosis, Pharmacy Utilization, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
<u>Among all patients in the registry</u>				
Pts. with any outpatient prescriptions, %	95.3%	94.8%	96.6%	94.3%
Pts. with any oral antipsychotic fills, %*	59.7%	77.9%	42.9%	45.1%
<u>Among pts. receiving any antipsychotic medication:</u>				
Received only conventional antipsychotics, %	15.1%	18.0%	10.2%	11.5%
Received some atypical antipsychotics, %	84.9%	82.0%	89.8%	88.5%
Total	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %				
Clozapine	1.9%	3.0%	0.2%	0.1%
Olanzapine	38.9%	38.4%	44.7%	31.3%
Quetiapine	20.6%	17.9%	26.0%	22.5%
Risperidone	37.1%	36.6%	32.4%	47.6%
Ziprasidone	3.5%	4.0%	2.9%	2.3%
Concurrent use of 2 or more antipsychotics, % **	11.1%	15.0%	5.0%	5.0%
Pts. receiving only one kind of antipsychotic, % ***	73.6%	70.4%	78.5%	78.6%
<u>Among pts. receiving just one antipsychotic:</u>				
Antipsychotic fills, mean	7.2	8.3	6.1	5.3
SD	5.1	5.3	4.5	4.1
Antipsychotic Medication Possession Ratio, mean	--	82.0%	--	--
SD	--	32.8%	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	37.9%	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	18.5%	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4B: FY02 All Patients, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	95.3%	93.2%	95.6%	94.5%	94.3%	93.9%	95.7%	96.9%	97.1%	95.4%	96.1%	95.1%
Patients with any oral antipsychotic fills, %*	59.7%	57.4%	57.4%	63.4%	61.1%	59.8%	62.3%	65.3%	58.5%	57.9%	61.4%	64.9%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	15.1%	12.7%	15.2%	18.1%	19.4%	13.1%	18.1%	14.1%	18.1%	19.5%	15.9%	18.2%
Received some atypical antipsychotics, %	84.9%	87.3%	84.8%	81.9%	80.6%	86.9%	81.9%	85.9%	81.9%	80.5%	84.1%	81.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Clozapine	1.9%	3.9%	2.1%	1.5%	1.4%	1.4%	1.2%	1.5%	0.8%	1.4%	3.9%	2.4%
Olanzapine	38.9%	38.9%	37.4%	35.4%	35.5%	39.1%	35.1%	39.2%	44.9%	35.8%	38.8%	36.5%
Quetiapine	20.6%	28.5%	24.7%	15.7%	21.2%	19.8%	14.1%	21.5%	16.3%	19.0%	23.4%	14.4%
Risperidone	37.1%	33.3%	36.5%	41.5%	35.3%	40.4%	41.2%	36.0%	31.9%	37.3%	32.2%	39.2%
Ziprasidone	3.5%	4.9%	1.1%	2.1%	2.5%	5.8%	4.7%	6.3%	1.9%	4.6%	3.4%	1.3%
Concurrent use of 2 or more antipsychotics, % **	12.2%	17.3%	12.9%	11.5%	15.8%	12.8%	10.4%	10.9%	8.3%	10.9%	12.0%	11.4%
Pts. receiving only one kind of antipsychotic, % ***	73.6%	70.2%	72.7%	75.5%	72.0%	73.1%	75.4%	72.2%	76.5%	72.9%	73.0%	76.1%
<u>Among patients receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	7.24	8.16	8.05	7.77	6.82	7.42	5.80	7.06	7.55	6.64	7.80	8.47
SD	5.10	5.81	5.25	5.13	4.64	4.84	4.31	4.95	4.75	4.69	5.86	5.60
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4B: FY02 All Patients, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	95.3%	93.5%	96.4%	96.6%	96.4%	96.0%	95.5%	95.6%	94.5%	92.6%	95.0%
Patients with any oral antipsychotic fills, %*	59.7%	55.2%	62.2%	64.6%	61.4%	48.5%	56.7%	57.3%	59.3%	54.4%	57.5%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	15.1%	13.4%	12.2%	12.5%	11.7%	17.1%	12.0%	13.7%	12.7%	13.9%	12.2%
Received some atypical antipsychotics, %	84.9%	86.6%	87.8%	87.5%	88.3%	82.9%	88.0%	86.3%	87.3%	86.1%	87.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Clozapine	1.9%	3.0%	1.5%	1.1%	2.0%	0.7%	3.0%	1.6%	2.1%	1.7%	2.9%
Olanzapine	38.9%	34.6%	39.2%	36.6%	44.9%	36.9%	48.0%	40.5%	51.1%	29.0%	43.5%
Quetiapine	20.6%	18.9%	20.9%	22.9%	19.9%	16.8%	23.3%	19.6%	20.5%	28.7%	22.4%
Risperidone	37.1%	41.9%	42.5%	42.2%	36.5%	39.1%	31.8%	37.5%	28.7%	41.0%	33.7%
Ziprasidone	3.5%	4.2%	3.1%	4.3%	3.2%	2.8%	2.5%	6.1%	2.3%	2.7%	3.1%
Concurrent use of 2 or more antipsychotics, % **	12.2%	11.1%	15.0%	12.5%	10.5%	8.7%	16.1%	12.0%	12.8%	11.8%	14.7%
Pts. receiving only one kind of antipsychotic, % ***	73.6%	76.1%	70.7%	71.9%	74.1%	77.2%	69.3%	73.0%	74.3%	74.7%	72.4%
<u>Among patients receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	7.24	7.75	7.08	7.23	6.87	6.58	6.59	6.70	7.61	6.03	7.98
SD	5.10	5.58	4.83	4.79	5.14	4.78	5.18	5.12	5.30	4.59	5.36
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4C: FY02 Patients w/ Schizophrenia, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	94.8%	90.9%	95.2%	93.9%	93.8%	93.2%	95.0%	96.6%	97.4%	94.7%	95.5%	93.9%
Pts. with any oral antipsychotic fills, %*	77.9%	73.3%	76.4%	76.2%	77.7%	75.0%	79.2%	78.9%	77.7%	79.4%	79.5%	80.1%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	18.0%	16.3%	19.4%	21.8%	23.3%	15.2%	22.0%	16.1%	21.0%	22.9%	18.7%	21.4%
Received some atypical antipsychotics, %	82.0%	83.7%	80.6%	78.2%	76.7%	84.8%	78.0%	83.9%	79.0%	77.1%	81.3%	78.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Clozapine	3.0%	6.5%	3.3%	2.0%	2.0%	2.1%	1.9%	2.3%	1.2%	2.5%	5.9%	3.5%
Olanzapine	38.4%	37.8%	35.5%	33.8%	33.8%	41.2%	34.2%	40.2%	44.7%	34.5%	37.4%	35.4%
Quetiapine	17.9%	22.7%	21.6%	13.5%	19.9%	17.1%	11.8%	18.3%	14.7%	15.7%	20.0%	12.9%
Risperidone	36.6%	35.3%	35.8%	40.2%	33.5%	39.0%	39.0%	35.1%	30.1%	37.0%	32.2%	37.3%
Ziprasidone	4.0%	5.8%	1.6%	2.3%	3.0%	6.5%	5.6%	7.0%	2.2%	5.8%	4.1%	1.3%
Concurrent use of 2 or more antipsychotics, % **	15.0%	21.7%	16.3%	13.8%	18.7%	15.6%	12.3%	12.1%	9.3%	14.2%	15.0%	13.2%
Pts. receiving only one kind of antipsychotic, % ***	70.4%	65.4%	69.0%	73.7%	68.6%	69.5%	72.7%	70.6%	74.6%	69.7%	69.5%	73.8%
<u>Among pts. receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	8.25	9.48	9.16	8.46	7.47	8.35	6.39	7.82	8.38	7.71	9.06	9.55
SD	5.34	6.31	5.39	5.25	4.77	4.89	4.54	5.19	4.76	4.86	6.26	5.83
Antipsychotic Medication Possession Ratio, mean	0.82	0.86	0.84	0.81	0.85	0.77	0.83	0.77	0.78	0.85	0.83	0.84
SD	0.33	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.32	0.32	0.33	0.30
Antipsychotic Med Possession Ratio <= 0.80, %	37.9%	30.7%	33.8%	40.3%	33.4%	44.3%	38.4%	45.2%	44.5%	34.0%	34.9%	33.2%
Antipsychotic Med Possession Ratio <= 0.50, %	18.5%	14.9%	15.7%	18.8%	16.0%	23.9%	19.0%	23.7%	21.1%	15.9%	17.4%	15.4%

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4C: FY02 Patients w/ Schizophrenia, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	94.8%	91.6%	96.0%	96.9%	96.1%	95.1%	95.1%	95.3%	94.3%	93.0%	93.1%
Pts. with any oral antipsychotic fills, %*	77.9%	72.2%	83.7%	82.2%	80.5%	73.6%	80.3%	79.9%	76.4%	75.0%	77.6%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	18.0%	15.8%	14.6%	14.2%	13.3%	17.0%	13.8%	16.4%	16.1%	16.5%	13.9%
Received some atypical antipsychotics, %	82.0%	84.2%	85.4%	85.8%	86.7%	83.0%	86.2%	83.6%	83.9%	83.5%	86.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Clozapine	3.0%	5.1%	2.6%	1.9%	3.7%	1.4%	5.6%	2.9%	3.4%	2.6%	4.7%
Olanzapine	38.4%	34.0%	39.8%	38.3%	43.2%	39.0%	48.5%	39.5%	48.6%	29.0%	43.0%
Quetiapine	17.9%	16.4%	21.1%	18.9%	18.4%	15.7%	17.4%	17.2%	19.3%	25.2%	18.7%
Risperidone	36.6%	40.9%	40.7%	43.5%	37.7%	38.2%	33.6%	36.2%	28.4%	41.3%	34.5%
Ziprasidone	4.0%	4.9%	3.6%	4.4%	3.8%	3.8%	3.1%	7.7%	2.4%	3.4%	4.0%
Concurrent use of 2 or more antipsychotics, % **	15.0%	13.5%	20.0%	15.2%	14.1%	11.2%	23.6%	15.9%	16.7%	14.2%	18.7%
Pts. receiving only one kind of antipsychotic, % ***	70.4%	72.9%	64.7%	68.3%	70.3%	73.8%	62.8%	69.2%	70.8%	71.8%	68.0%
<u>Among pts. receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	8.25	8.95	8.32	8.12	8.21	7.84	7.88	8.00	8.74	6.83	9.32
SD	5.34	5.91	5.07	4.82	5.61	5.04	5.83	5.49	5.61	4.82	5.67
Antipsychotic Medication Possession Ratio, mean	0.82	0.81	0.82	0.78	0.81	0.80	0.88	0.88	0.83	0.80	0.90
SD	0.33	0.33	0.32	0.34	0.33	0.33	0.32	0.34	0.31	0.34	0.32
Antipsychotic Med Possession Ratio <= 0.80, %	37.9%	36.7%	37.6%	43.4%	39.1%	38.1%	30.9%	30.4%	35.6%	40.6%	26.2%
Antipsychotic Med Possession Ratio <= 0.50, %	18.5%	19.5%	17.6%	21.7%	18.9%	19.5%	13.4%	14.7%	17.1%	21.3%	11.6%

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4D: FY02 Patients w/ Bipolar Disorder, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Among all patients in the registry</u>												
Pts. with any outpatient prescriptions, %	96.6%	96.0%	96.7%	96.8%	96.6%	95.9%	97.1%	98.6%	97.8%	97.3%	97.5%	97.4%
Patients with any oral antipsychotic fills, %*	42.9%	44.4%	41.4%	46.0%	42.1%	44.1%	48.9%	46.6%	39.5%	45.0%	46.0%	47.0%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	10.2%	7.1%	7.8%	8.4%	11.6%	9.5%	11.6%	9.9%	12.1%	12.7%	9.9%	12.2%
Received some atypical antipsychotics, %	89.8%	92.9%	92.2%	91.6%	88.4%	90.5%	88.4%	90.1%	87.9%	87.3%	90.1%	87.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Clozapine	0.2%	0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.2%	0.0%	0.2%	0.5%	0.1%
Olanzapine	44.7%	43.3%	42.7%	45.5%	42.2%	39.9%	41.4%	42.7%	50.8%	43.6%	46.2%	43.6%
Quetiapine	26.0%	39.1%	31.9%	21.3%	23.9%	26.4%	19.3%	26.8%	19.7%	25.0%	31.1%	17.6%
Risperidone	32.4%	25.4%	33.6%	39.7%	34.9%	36.6%	38.8%	31.2%	30.8%	31.4%	27.0%	38.0%
Ziprasidone	2.9%	3.5%	0.5%	1.8%	1.4%	5.1%	3.6%	5.7%	1.7%	4.2%	2.3%	1.2%
Concurrent use of 2 or more antipsychotics, % **	5.0%	7.9%	4.9%	4.2%	5.7%	5.0%	5.4%	5.3%	3.6%	4.0%	4.7%	5.3%
Pts. receiving only one kind of antipsychotic, % ***	78.5%	78.0%	78.2%	79.5%	80.1%	79.3%	78.9%	76.8%	79.8%	76.8%	78.3%	80.1%
<u>Among patients receiving just one antipsychotic:</u>												
Antipsychotic fills, mean	6.11	6.76	6.75	6.61	5.91	6.30	5.37	6.10	6.21	5.78	6.22	6.88
SD	4.47	4.81	4.58	4.68	4.23	4.52	3.94	4.34	4.42	4.30	5.01	4.59
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4D: FY02 Patients w/ Bipolar Disorder, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Among all patients in the registry</u>											
Pts. with any outpatient prescriptions, %	96.6%	95.0%	97.6%	97.1%	97.6%	97.7%	96.6%	96.9%	96.0%	91.6%	96.9%
Patients with any oral antipsychotic fills, %*	42.9%	41.1%	48.2%	46.9%	49.6%	33.3%	44.2%	39.5%	40.2%	33.2%	41.3%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	10.2%	10.2%	7.8%	10.3%	9.0%	15.7%	9.9%	10.7%	7.7%	9.9%	9.2%
Received some atypical antipsychotics, %	89.8%	89.8%	92.2%	89.7%	91.0%	84.3%	90.1%	89.3%	92.3%	90.1%	90.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Clozapine	0.2%	0.4%	0.1%	0.0%	0.2%	0.0%	0.3%	0.1%	0.1%	0.4%	0.3%
Olanzapine	44.7%	39.7%	43.1%	40.3%	53.0%	40.8%	48.6%	45.7%	59.9%	36.7%	48.5%
Quetiapine	26.0%	23.0%	22.9%	29.3%	23.2%	19.2%	32.7%	22.9%	23.2%	35.8%	30.0%
Risperidone	32.4%	37.9%	40.7%	33.1%	29.5%	35.0%	26.5%	34.3%	22.3%	31.4%	26.3%
Ziprasidone	2.9%	3.6%	3.2%	5.1%	3.2%	1.3%	2.0%	3.4%	2.0%	2.2%	1.9%
Concurrent use of 2 or more antipsychotics, % **	5.0%	5.6%	5.9%	5.1%	4.8%	3.4%	5.4%	4.3%	3.8%	5.1%	5.3%
Pts. receiving only one kind of antipsychotic, % ***	78.5%	80.4%	77.3%	77.0%	76.8%	80.1%	76.1%	78.4%	80.9%	79.0%	78.7%
<u>Among patients receiving just one antipsychotic:</u>											
Antipsychotic fills, mean	6.11	6.58	6.13	6.40	5.93	5.48	5.64	5.35	6.06	5.10	6.60
SD	4.47	4.84	4.29	4.71	4.30	4.21	4.32	4.26	4.41	4.15	4.48
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia patients.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4E: FY02 Patients w/ Other Psychoses, Pharmacy Utilization, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
<u>Among all Patients in the registry</u>												
Pts. with any outpatient prescriptions, %	94.3%	92.4%	93.6%	92.7%	90.7%	344.7%	56.0%	92.5%	95.1%	95.1%	94.9%	94.2%
pts with any oral antipsychotic fills, %*	45.1%	43.2%	40.4%	42.8%	40.7%	43.2%	45.1%	55.9%	40.3%	42.6%	39.4%	46.5%
<u>Among pts. receiving any antipsychotic medication:</u>												
Received only conventional antipsychotics, %	11.5%	9.4%	10.2%	10.3%	9.7%	9.0%	13.9%	11.4%	13.4%	18.7%	13.3%	10.2%
Received some atypical antipsychotics, %	88.5%	90.6%	89.8%	89.7%	90.3%	91.0%	86.1%	88.6%	86.6%	81.3%	86.7%	89.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %												
Clozapine	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.2%
Olanzapine	31.3%	32.5%	32.9%	26.5%	30.8%	27.5%	28.2%	30.6%	36.7%	29.3%	28.9%	26.1%
Quetiapine	22.5%	29.3%	22.4%	20.2%	23.5%	22.2%	14.3%	27.7%	18.7%	19.8%	25.5%	17.2%
Risperidone	47.6%	45.5%	49.4%	55.5%	50.0%	53.4%	53.6%	46.0%	42.2%	45.8%	45.0%	55.6%
Ziprasidone	2.3%	4.5%	0.3%	1.4%	0.8%	4.0%	3.2%	4.0%	1.1%	2.1%	1.7%	1.8%
Concurrent use of 2 or more antipsychotics, % **	5.0%	7.3%	4.7%	3.3%	5.8%	3.5%	5.5%	6.4%	3.7%	5.2%	2.6%	3.7%
Pts. receiving only one kind of antipsychotic, % ***	78.6%	74.0%	80.1%	80.5%	78.0%	80.4%	79.7%	72.8%	80.8%	76.4%	81.0%	81.7%
<u>Among pts receiving just one antipsychotic</u>												
Antipsychotic fills, mean	5.35	6.08	5.69	5.45	4.77	5.40	4.39	5.42	5.88	5.10	5.01	5.40
SD	4.13	4.26	4.70	4.00	3.64	4.11	3.56	4.11	4.31	4.08	4.02	4.11
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia pts.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Table 4E: FY02 Patients w/ Other Psychoses, Pharmacy Utilization, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
<u>Among all Patients in the registry</u>											
Pts. with any outpatient prescriptions, %	94.3%	94.9%	95.3%	#REF!	95.5%	95.6%	95.3%	94.5%	93.3%	93.7%	94.6%
pts with any oral antipsychotic fills, %*	45.1%	44.0%	45.6%	51.0%	46.7%	37.4%	41.7%	49.8%	50.3%	45.3%	44.5%
<u>Among pts. receiving any antipsychotic medication:</u>											
Received only conventional antipsychotics, %	11.5%	10.2%	11.4%	9.5%	11.2%	19.1%	10.7%	10.1%	7.3%	9.2%	11.0%
Received some atypical antipsychotics, %	88.5%	89.8%	88.6%	90.5%	88.8%	80.9%	89.3%	89.9%	92.7%	90.8%	89.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Any use of atypical antipsychotics, %											
Clozapine	0.1%	0.0%	0.3%	0.1%	0.1%	0.0%	0.2%	0.0%	0.1%	0.1%	0.3%
Olanzapine	31.3%	27.6%	31.4%	28.1%	37.8%	25.5%	44.3%	34.1%	48.4%	17.8%	35.1%
Quetiapine	22.5%	20.9%	17.2%	28.4%	19.4%	16.5%	20.4%	21.9%	21.4%	32.8%	22.5%
Risperidone	47.6%	53.3%	51.0%	47.1%	43.6%	47.6%	39.6%	47.5%	38.3%	53.8%	45.5%
Ziprasidone	2.3%	2.6%	1.6%	3.0%	1.4%	1.9%	1.7%	5.2%	2.2%	0.6%	2.1%
Concurrent use of 2 or more antipsychotics, % **	5.0%	4.4%	6.3%	5.4%	4.1%	3.6%	5.9%	5.9%	5.0%	4.5%	5.9%
Pts. receiving only one kind of antipsychotic, % ***	78.6%	79.9%	79.3%	77.4%	80.7%	82.3%	75.8%	76.2%	78.5%	80.7%	78.3%
<u>Among pts receiving just one antipsychotic</u>											
Antipsychotic fills, mean	5.35	5.72	5.34	5.71	4.96	5.01	5.09	5.18	6.05	4.43	5.87
SD	4.13	4.56	4.05	4.21	4.02	3.95	4.07	4.21	4.34	3.51	4.39
Antipsychotic Medication Possession Ratio, mean	--	--	--	--	--	--	--	--	--	--	--
SD	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.80, %	--	--	--	--	--	--	--	--	--	--	--
Antipsychotic Med Possession Ratio <= 0.50, %	--	--	--	--	--	--	--	--	--	--	--

* Prescription data do not include the use of depot antipsychotics, which are received by 15-20% of schizophrenia pts.

** Concurrence of at least 60 days overlap in FY for a pair of antipsychotics.

*** In FY02 typical antipsychotics were disaggregated, further restricting the criteria for pts with just 1 type of AP. This slightly decreased reported MPRs.

Chapter 5

Cost

Background

In addition to the significant personal burden and high mortality rates, patients with serious mental illnesses represent tremendous costs to the health care system. Total expenditures, including both psychiatric and medical care, for these individuals can reach \$25,000 per patient annually. The U.S. spends approximately 1% of its total GDP for the treatment of mental illnesses, with the majority being devoted to SMI (McGuire, 1991). The prevalence of schizophrenia in the population is about 1%, yet the economic cost for this disease is nearly \$45 billion annually (Wyatt & Henter, 1995). This figure is comparable to the dollars spent on depression, for which the prevalence is around 7-8%.

The Surgeon General's 1999 report on mental health estimated that the indirect costs of schizophrenia in 1990 were almost 15 billion dollars (Surgeon General's Office, 1999). These costs include lost productivity due to morbidity and mortality and the time family members spend caring for the patient.

In addition to psychiatric services, SMI patients use medical services more than the general population. A recent study (Mauskopf, David, Grainger, & Gibson, 1999) indicates that, depending on the diagnosis, the average annual expenditure per SMI patient exceeds \$26,000. Outpatient spending was nearly \$3000, with pharmacy costs approximately \$375.

Within VHA, the cost for patients with psychosis is approximately 16% of the VHA's total VERA allocation (\$18.7 billion for FY02).

We report on total costs, as well as the relative costs of psychiatric and medical care and of inpatient and outpatient care. We also report separately annual costs by cost center. Comparisons across VISNs and stations regarding expenditures on outpatient psychiatric care may inform questions of differential treatment capacities.

The Allocation Resource Center (ARC) in Braintree, Massachusetts, provided cost data for each patient by facility and cost center. The ARC calculates patient costs using data from the VA's Decision Support System (DSS). In prior years, ARC assessed patient costs on the basis of the Cost Distribution Report (CDR). Please see Appendix B for details.

- Total costs:
 - Total cost for patients with psychosis was close to \$3B.
 - Total costs for population down 4.2% to \$2.95 billion since last year with most of decrease coming from inpatient treatment, which declined sharply for third year.
 - SCH represented 47% of NPR patients and 52.4% of total costs
- Per patient costs:
 - Average spent per patient was \$14,370 with \$6,515 for OP care, \$4,849 for IP care, \$1,695 in pharmacy costs.
 - Per patient costs also dropped rather sharply to \$14,370 in FY02 (down 8.3%).

- Total cost per patient varied greatly between VISNs, from \$9,986 to \$21,462 with costs for outpatient, inpatient and pharmacy also showing similar ranges.
- Overall spending per patient was \$16,139 for SCH, \$12,050 for BP, and \$14,207 for Other Psychoses.
- Service location costs:
 - 32.3% of total costs were for psychiatric care.
 - After rising substantially in FY01, average outpatient costs also decreased 6.1% last year to \$6,515.
 - Despite rapid gains the past few year, pharmacy increase slowed to only 3.2% (mean = \$1,695).
 - Decline in the fraction of cost for psychiatric care continues, down to 32.3% in FY02 as compared to 41.0% in FY99.
 - Across VISNs the percentage of total costs attributed to psychiatry ranged from 23.1% to 39.6% and the portion due to pharmacy varied between 7.3% to 17.2%
 - SCH had higher IP costs than BP (\$5,536 vs. \$3,751)
 - SCH had approximately 20% higher pharmacy costs than BP.

Tables

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Table 5A: FY02 Patient w/ Psychosis, Cost, by Diagnosis Grouping

	All	Schizophrenia	Bipolar	Other
Entire Population	205620	95875	70345	39400
<u>Total Cost</u> (in thousands \$)	\$2,954,747	\$1,547,365	\$847,634	\$559,750
%	100.0%	52.4%	28.7%	18.9%
<u>Psych vs. Non-Psych Costs</u>				
Psych	32.3%	36.2%	34.5%	18.4%
Non-Psych	67.7%	63.8%	65.5%	81.6%
Total	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>				
Per Patient	\$16,869	\$19,932	\$13,822	\$15,122
Per Day of Stay	\$711	\$662	\$725	\$860
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>				
Per Patient	\$6,515	\$6,923	\$6,259	\$5,994
Per Visit Day	\$255	\$244	\$254	\$294
<u>Mean Patient Costs, By Cost Center, all patients</u>				
1 Med	\$1,405	\$1,222	\$950	\$2,661
2 Surg	\$492	\$406	\$454	\$769
3 Psych	\$2,952	\$3,907	\$2,346	\$1,708
4 Psych Res Rehab Treatment Program	\$224	\$199	\$321	\$112
5 Non-VA	\$194	\$206	\$176	\$198
6 LTC Domiciliary	\$439	\$394	\$616	\$230
7 LTC Intermediate Care	\$180	\$177	\$100	\$329
8 LTC Nursing Home	\$1,560	\$2,162	\$704	\$1,621
9 Contract Nursing Home	\$471	\$650	\$149	\$610
10 OPC Med/Surg	\$971	\$837	\$1,003	\$1,242
11 OPC Psych	\$1,696	\$1,929	\$1,815	\$912
12 OPC Home Based Treatment	\$632	\$760	\$449	\$649
13 OPC Support	\$1,342	\$1,279	\$1,333	\$1,509
14 OPC Fee	\$119	\$106	\$95	\$191
15 OPC Pharmacy	\$1,695	\$1,904	\$1,537	\$1,468
TOTAL	\$14,370	\$16,139	\$12,050	\$14,207
Mean % pt. Costs at Other Stations	4.1%	3.7%	4.9%	3.5%
SD	13.0%	12.5%	13.9%	12.2%
Mean % pt. Costs at Other VISNs	1.6%	1.3%	2.0%	1.4%
SD	8.1%	7.5%	9.0%	7.7%

Table 5B: FY02 All Patients, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
All Patients	205620	10790	5931	9794	11380	5647	8761	11950	19212	8802	9189	8926
<u>Total Costs</u> (in thousands \$\$)	\$2,954,747	\$195,250	\$90,339	\$210,203	\$161,913	\$107,567	\$111,380	\$153,499	\$191,846	\$110,534	\$147,575	\$134,594
%	95.7%	6.6%	3.1%	7.1%	5.5%	3.6%	3.8%	5.2%	6.5%	3.7%	5.0%	4.6%
<u>Psych vs. Non-Psych Costs</u>												
Psych	32.3%	39.6%	32.1%	29.9%	32.5%	34.7%	36.3%	34.0%	23.1%	28.4%	31.1%	36.5%
Non-Psych	67.7%	60.4%	67.9%	70.1%	67.5%	65.3%	63.7%	66.0%	76.9%	71.6%	68.9%	63.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$16,869	\$21,954	\$16,872	\$24,596	\$18,694	\$19,257	\$15,513	\$15,592	\$11,455	\$15,177	\$15,274	\$20,681
Per Day of Stay	\$711	\$641	\$826	\$760	\$712	\$681	\$553	\$644	\$766	\$586	\$706	\$625
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,515	\$8,408	\$7,604	\$8,225	\$5,692	\$8,477	\$5,121	\$6,406	\$5,638	\$5,229	\$6,801	\$5,494
Per Visit Day	\$255	\$236	\$212	\$253	\$262	\$255	\$276	\$265	\$266	\$292	\$235	\$251
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$1,405	\$1,026	\$1,301	\$1,918	\$1,186	\$1,700	\$1,261	\$1,445	\$1,170	\$2,041	\$1,346	\$1,192
2 Surg	\$492	\$554	\$498	\$470	\$454	\$465	\$416	\$445	\$362	\$641	\$512	\$422
3 Psych	\$2,952	\$4,448	\$2,534	\$4,264	\$3,193	\$4,457	\$3,513	\$2,666	\$1,204	\$2,689	\$2,809	\$4,284
4 Psych Res Rehab Treatment Program	\$224	\$203	\$382	\$529	\$277	\$218	\$94	\$8	\$233	\$61	\$513	\$212
5 Non-VA	\$194	\$292	\$239	\$155	\$107	\$94	\$123	\$130	\$200	\$83	\$103	\$173
6 LTC Domiciliary	\$439	\$251	\$832	\$994	\$595	\$1,355	\$160	\$248	\$68	\$306	\$635	\$3
7 LTC Intermediate Care	\$180	\$396	\$3	\$407	\$154	\$411	\$271	\$153	\$106	\$320	\$417	\$263
8 LTC Nursing Home	\$1,560	\$1,730	\$1,679	\$4,372	\$2,423	\$1,585	\$1,582	\$1,104	\$606	\$748	\$2,433	\$2,757
9 Contract Nursing Home	\$471	\$905	\$235	\$312	\$232	\$368	\$244	\$293	\$418	\$481	\$549	\$375
10 OPC Med/Surg	\$971	\$1,307	\$1,033	\$1,461	\$835	\$1,215	\$803	\$884	\$829	\$1,030	\$852	\$739
11 OPC Psych	\$1,696	\$2,712	\$2,356	\$2,151	\$1,438	\$2,151	\$1,105	\$1,698	\$1,101	\$877	\$2,180	\$1,221
12 OPC Home Based Treatment	\$632	\$788	\$875	\$1,116	\$426	\$760	\$406	\$662	\$484	\$404	\$914	\$608
13 OPC Support	\$1,342	\$1,576	\$1,486	\$1,672	\$1,043	\$1,608	\$1,034	\$1,363	\$1,398	\$1,173	\$1,184	\$1,168
14 OPC Fee	\$119	\$147	\$140	\$59	\$71	\$82	\$103	\$126	\$90	\$168	\$120	\$89
15 OPC Pharmacy	\$1,695	\$1,760	\$1,639	\$1,583	\$1,795	\$2,578	\$1,598	\$1,618	\$1,718	\$1,535	\$1,493	\$1,571
TOTAL	\$14,370	\$18,095	\$15,232	\$21,462	\$14,228	\$19,048	\$12,713	\$12,845	\$9,986	\$12,558	\$16,060	\$15,079
Mean % Patient Costs at Other Stations	4.1%	5.3%	2.0%	3.8%	5.7%	4.4%	4.5%	4.9%	2.7%	2.9%	4.5%	5.5%
SD	13.0%	14.6%	9.2%	12.2%	15.3%	13.5%	13.2%	14.0%	10.7%	11.1%	14.1%	14.9%
Mean % Patient Costs at Other VISNs	1.6%	1.0%	2.0%	1.3%	1.4%	2.1%	1.4%	1.7%	1.5%	1.8%	1.4%	1.3%
SD	8.1%	6.1%	9.2%	7.0%	7.7%	9.6%	7.4%	8.6%	8.0%	8.6%	7.7%	7.5%

Table 5B: FY02 All Patients, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
All Patients	205620	8832	9353	16099	8940	8000	5657	8613	8839	12757	8148
<u>Total Costs</u> (in thousands \$\$)	\$2,954,747	\$166,121	\$113,099	\$192,957	\$123,792	\$91,377	\$76,923	\$120,830	\$141,042	\$187,018	\$126,891
%	95.7%	5.6%	3.8%	6.5%	4.2%	3.1%	2.6%	4.1%	4.8%	6.3%	4.3%
<u>Psych vs. Non-Psych Costs</u>											
Psych	32.3%	28.3%	30.5%	36.5%	31.6%	25.6%	34.2%	30.6%	35.0%	35.9%	30.9%
Non-Psych	67.7%	71.7%	69.5%	63.5%	68.4%	74.4%	65.8%	69.4%	65.0%	64.1%	69.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per Patient	\$16,869	\$18,743	\$14,095	\$16,531	\$16,371	\$13,231	\$16,659	\$13,490	\$20,702	\$19,209	\$15,142
Per Day of Stay	\$711	\$696	\$674	\$733	\$555	\$915	\$760	\$822	\$987	\$893	\$1,030
<u>Mean Outpatient Costs</u>											
Per Patient	\$6,454	\$6,989	\$5,333	\$5,530	\$6,080	\$5,647	\$6,626	\$7,057	\$7,898	\$7,404	\$7,495
Per Clinic Stop	\$255	\$207	\$227	\$279	\$244	\$256	\$271	\$257	\$291	\$275	\$265
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$1,405	\$1,936	\$1,515	\$1,412	\$1,444	\$1,734	\$1,182	\$1,331	\$1,213	\$1,269	\$1,298
2 Surg	\$492	\$676	\$410	\$464	\$646	\$626	\$445	\$521	\$495	\$461	\$555
3 Psych	\$2,952	\$3,478	\$2,636	\$3,119	\$3,148	\$1,570	\$3,106	\$2,092	\$3,185	\$2,953	\$2,392
4 Psych Res Rehab Treatment Program	\$224	\$1,013	\$130	\$52	\$233	\$50	\$166	\$266	\$137	\$6	\$187
5 Non-VA	\$194	\$82	\$181	\$85	\$171	\$297	\$189	\$447	\$557	\$193	\$290
6 LTC Domiciliary	\$439	\$840	\$320	\$162	\$770	\$277	\$12	\$982	\$103	\$584	\$641
7 LTC Intermediate Care	\$180	\$71	\$94	\$226	\$99	\$9	\$206	\$43	\$92	\$42	\$48
8 LTC Nursing Home	\$1,560	\$2,883	\$1,123	\$745	\$908	\$848	\$965	\$585	\$1,762	\$878	\$2,496
9 Contract Nursing Home	\$471	\$963	\$382	\$215	\$401	\$379	\$744	\$739	\$578	\$909	\$269
10 OPC Med/Surg	\$971	\$1,124	\$826	\$805	\$915	\$972	\$846	\$985	\$1,055	\$1,189	\$915
11 OPC Psych	\$1,696	\$1,841	\$1,055	\$1,251	\$1,221	\$1,350	\$1,545	\$2,201	\$2,403	\$2,304	\$2,421
12 OPC Home Based Treatment	\$632	\$821	\$474	\$482	\$693	\$413	\$703	\$607	\$806	\$635	\$580
13 OPC Support	\$1,342	\$1,409	\$1,180	\$1,176	\$1,403	\$1,320	\$1,388	\$1,248	\$1,489	\$1,538	\$1,474
14 OPC Fee	\$119	\$86	\$74	\$68	\$73	\$135	\$232	\$263	\$241	\$97	\$169
15 OPC Pharmacy	\$1,695	\$1,587	\$1,694	\$1,722	\$1,722	\$1,442	\$1,869	\$1,721	\$1,843	\$1,602	\$1,839
TOTAL	\$14,370	\$18,809	\$12,092	\$11,986	\$13,847	\$11,422	\$13,598	\$14,029	\$15,957	\$14,660	\$15,573
Mean % Patient Costs at Other Stations	4.1%	5.4%	1.8%	3.5%	3.2%	4.6%	4.4%	4.9%	4.8%	3.6%	3.9%
SD	13.0%	14.7%	8.6%	12.2%	11.7%	13.8%	13.3%	14.4%	14.8%	12.2%	12.2%
Mean % Patient Costs at Other VISNs	1.6%	1.1%	1.5%	1.6%	1.9%	2.4%	2.0%	1.9%	1.7%	1.6%	1.5%
SD	8.1%	6.4%	7.9%	8.2%	9.1%	10.1%	8.8%	8.9%	8.2%	8.1%	7.6%

Table 5C: FY02 Patients w/ Schizophrenia, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Schizophrenia	95875	4941	2746	5773	6143	2903	4097	6280	9495	3480	4524	4841
<u>Total Costs</u> (in thousands \$)	\$1,547,365	\$111,012	\$45,327	\$145,415	\$97,424	\$61,739	\$58,165	\$90,213	\$93,460	\$47,769	\$83,663	\$86,644
%	96.1%	7.2%	2.9%	9.4%	6.3%	4.0%	3.8%	5.8%	6.0%	3.1%	5.4%	5.6%
<u>Psych vs. Non-Psych Costs</u>												
Psych	36.2%	40.7%	37.5%	31.3%	37.2%	38.9%	44.8%	39.9%	25.5%	36.4%	31.8%	40.8%
Non-Psych	63.8%	59.3%	62.5%	68.7%	62.8%	61.1%	55.2%	60.1%	74.5%	63.6%	68.2%	59.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$19,932	\$28,564	\$20,589	\$28,572	\$22,155	\$22,850	\$18,913	\$17,735	\$11,540	\$18,188	\$17,259	\$26,398
Per Day of Stay	\$662	\$624	\$753	\$726	\$660	\$671	\$509	\$596	\$733	\$473	\$711	\$582
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,923	\$9,510	\$8,020	\$8,806	\$6,071	\$8,940	\$5,344	\$6,986	\$5,783	\$5,454	\$7,257	\$5,697
Per Visit Day	\$244	\$227	\$196	\$250	\$263	\$231	\$264	\$254	\$265	\$268	\$224	\$234
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$1,222	\$1,104	\$1,082	\$1,889	\$1,079	\$1,640	\$1,115	\$1,279	\$1,046	\$1,720	\$1,291	\$1,002
2 Surg	\$406	\$545	\$500	\$469	\$411	\$488	\$286	\$418	\$291	\$483	\$382	\$399
3 Psych	\$3,907	\$6,034	\$3,636	\$5,546	\$4,248	\$5,649	\$5,015	\$3,592	\$1,313	\$3,771	\$3,531	\$6,026
4 Psych Res Rehab Treatment Program	\$199	\$127	\$257	\$644	\$319	\$148	\$65	\$1	\$158	\$42	\$693	\$166
5 Non-VA	\$206	\$395	\$329	\$211	\$112	\$114	\$137	\$170	\$215	\$77	\$110	\$163
6 LTC Domiciliary	\$394	\$367	\$283	\$806	\$349	\$1,635	\$142	\$205	\$35	\$272	\$531	\$3
7 LTC Intermediate Care	\$177	\$395	\$0	\$405	\$174	\$368	\$227	\$192	\$73	\$295	\$340	\$297
8 LTC Nursing Home	\$2,162	\$2,721	\$2,204	\$6,308	\$2,895	\$1,952	\$1,742	\$1,349	\$623	\$1,091	\$3,546	\$3,856
9 Contract Nursing Home	\$650	\$1,511	\$323	\$407	\$331	\$477	\$244	\$256	\$332	\$616	\$910	\$450
10 OPC Med/Surg	\$837	\$1,266	\$863	\$1,350	\$792	\$1,147	\$699	\$789	\$729	\$802	\$715	\$606
11 OPC Psych	\$1,929	\$3,106	\$2,553	\$2,331	\$1,646	\$2,634	\$1,344	\$2,133	\$1,196	\$1,231	\$2,358	\$1,268
12 OPC Home Based Treatment	\$760	\$972	\$1,115	\$1,428	\$498	\$852	\$428	\$781	\$503	\$440	\$1,183	\$741
13 OPC Support	\$1,279	\$1,697	\$1,363	\$1,611	\$963	\$1,666	\$898	\$1,347	\$1,309	\$1,043	\$1,044	\$1,154
14 OPC Fee	\$106	\$186	\$127	\$52	\$67	\$71	\$123	\$124	\$72	\$168	\$80	\$90
15 OPC Pharmacy	\$1,904	\$2,041	\$1,870	\$1,733	\$1,973	\$2,425	\$1,731	\$1,728	\$1,948	\$1,677	\$1,780	\$1,677
TOTAL	\$16,139	\$22,468	\$16,507	\$25,189	\$15,859	\$21,267	\$14,197	\$14,365	\$9,843	\$13,727	\$18,493	\$17,898
Mean % pt. Costs at Other Stations	4.1%	4.4%	1.6%	3.6%	5.2%	3.7%	4.3%	4.6%	2.2%	2.7%	3.9%	4.8%
SD	13.0%	13.9%	8.0%	11.8%	14.7%	12.3%	13.0%	13.8%	9.5%	10.6%	13.1%	14.2%
Mean % pt. Costs at Other VISNs	1.6%	0.9%	1.6%	1.0%	1.2%	1.8%	1.3%	1.5%	1.2%	1.7%	1.0%	1.1%
SD	8.1%	6.1%	8.0%	6.1%	7.0%	8.9%	7.2%	8.1%	6.9%	8.2%	6.7%	6.6%

Table 5C: FY02 Patients w/ Schizophrenia, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Schizophrenia	95875	3865	3845	7595	3611	2805	2031	3398	4179	5803	3520
<u>Total Costs</u> (in thousands \$\$)	\$1,547,365	\$79,590	\$49,785	\$99,125	\$54,473	\$30,727	\$32,246	\$51,523	\$69,255	\$99,949	\$59,866
%	96.1%	5.1%	3.2%	6.4%	3.5%	2.0%	2.1%	3.3%	4.5%	6.5%	3.9%
<u>Psych vs. Non-Psych Costs</u>											
Psych	36.2%	28.7%	36.2%	42.4%	38.0%	32.5%	37.7%	33.2%	37.8%	39.4%	30.3%
Non-Psych	63.8%	71.3%	63.8%	57.6%	62.0%	67.5%	62.3%	66.8%	62.2%	60.6%	69.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per pt.	\$19,932	\$21,140	\$16,367	\$18,985	\$19,237	\$13,739	\$20,162	\$14,027	\$24,159	\$22,411	\$16,063
Per Day of Stay	\$662	\$685	\$622	\$704	\$497	\$803	\$673	\$755	\$951	\$827	\$1,009
<u>Mean Outpatient Costs</u>											
Per pt.	\$6,815	\$7,068	\$5,640	\$5,788	\$6,671	\$5,743	\$7,508	\$7,709	\$7,954	\$7,910	\$7,729
Per Clinic Stop	\$244	\$205	\$207	\$274	\$224	\$251	\$262	\$238	\$281	\$254	\$257
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$1,222	\$1,600	\$1,106	\$1,224	\$1,106	\$1,270	\$941	\$1,012	\$1,222	\$1,090	\$905
2 Surg	\$406	\$464	\$314	\$340	\$529	\$456	\$313	\$349	\$341	\$457	\$473
3 Psych	\$3,907	\$4,001	\$3,544	\$4,111	\$4,257	\$1,820	\$4,216	\$2,425	\$3,796	\$4,026	\$2,738
4 Psych Res Rehab Treatment Program	\$199	\$832	\$89	\$37	\$148	\$26	\$148	\$151	\$30	\$4	\$108
5 Non-VA	\$206	\$44	\$151	\$94	\$175	\$313	\$212	\$429	\$480	\$214	\$365
6 LTC Domiciliary	\$394	\$636	\$230	\$146	\$932	\$239	\$10	\$1,073	\$58	\$696	\$477
7 LTC Intermediate Care	\$177	\$26	\$85	\$213	\$80	\$4	\$235	\$70	\$41	\$53	\$40
8 LTC Nursing Home	\$2,162	\$4,510	\$1,258	\$853	\$877	\$762	\$1,535	\$659	\$1,779	\$1,201	\$4,004
9 Contract Nursing Home	\$650	\$1,604	\$579	\$286	\$405	\$347	\$847	\$1,337	\$940	\$1,639	\$368
10 OPC Med/Surg	\$837	\$944	\$703	\$679	\$746	\$703	\$619	\$776	\$884	\$983	\$687
11 OPC Psych	\$1,929	\$1,908	\$1,150	\$1,417	\$1,478	\$1,737	\$1,771	\$2,616	\$2,466	\$2,755	\$2,423
12 OPC Home Based Treatment	\$760	\$956	\$540	\$562	\$911	\$293	\$1,099	\$889	\$809	\$707	\$691
13 OPC Support	\$1,279	\$1,256	\$1,141	\$1,091	\$1,342	\$1,159	\$1,297	\$1,118	\$1,459	\$1,545	\$1,372
14 OPC Fee	\$106	\$89	\$56	\$72	\$67	\$91	\$225	\$221	\$184	\$88	\$154
15 OPC Pharmacy	\$1,904	\$1,721	\$2,002	\$1,926	\$2,030	\$1,736	\$2,407	\$2,039	\$2,081	\$1,766	\$2,202
TOTAL	\$16,139	\$20,592	\$12,948	\$13,051	\$15,085	\$10,954	\$15,877	\$15,163	\$16,572	\$17,224	\$17,007
Mean % pt. Costs at Other Stations	4.1%	5.0%	1.6%	3.2%	3.3%	4.2%	4.3%	4.1%	4.4%	3.7%	2.8%
SD	13.0%	14.9%	8.4%	11.6%	12.2%	13.5%	13.1%	13.5%	14.3%	12.6%	10.6%
Mean % pt. Costs at Other VISNs	1.6%	0.9%	1.4%	1.4%	2.0%	2.1%	1.8%	1.5%	1.4%	1.6%	1.2%
SD	8.1%	5.8%	7.9%	7.8%	9.6%	9.5%	8.7%	8.0%	7.5%	8.4%	7.1%

Table 5D: FY02 Patients w/ Bipolar Disorder, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
Patients w/ Bipolar Disorder	70345	4301	2388	2658	3763	1690	2810	3455	6013	2931	3179	2909
<u>Total Costs</u> (in thousands \$\$)	\$847,634	\$59,626	\$31,373	\$44,081	\$43,546	\$25,295	\$29,299	\$32,379	\$57,058	\$29,577	\$40,910	\$30,962
%	94.9%	7.0%	3.7%	5.2%	5.1%	3.0%	3.5%	3.8%	6.7%	3.5%	4.8%	3.7%
<u>Psych vs. Non-Psych Costs</u>												
Psych	34.5%	34.6%	25.1%	27.5%	25.1%	31.9%	29.8%	25.5%	21.8%	27.3%	27.7%	29.5%
Non-Psych	65.5%	65.4%	74.9%	72.5%	74.9%	68.1%	70.2%	74.5%	78.2%	72.7%	72.3%	70.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Hospital Costs, Pts with some Hospital use</u>												
Per Patient	\$13,822	\$16,521	\$12,357	\$19,001	\$14,151	\$15,959	\$11,907	\$10,672	\$11,167	\$12,262	\$12,541	\$13,960
Per Day of Stay	\$725	\$628	\$860	\$865	\$812	\$686	\$597	\$651	\$786	\$617	\$635	\$682
<u>Mean Outpatient Costs, Pts with some Outpatient use</u>												
Per Patient	\$6,259	\$11,403	\$11,018	\$11,399	\$7,602	\$10,517	\$6,794	\$7,839	\$7,852	\$6,711	\$10,511	\$7,760
Per Visit Day	\$254	\$353	\$334	\$357	\$355	\$348	\$372	\$369	\$367	\$404	\$388	\$396
<u>Mean Patient Costs, By Cost Center, all patients</u>												
1 Med	\$950	\$661	\$782	\$1,398	\$869	\$1,112	\$810	\$771	\$940	\$1,147	\$866	\$781
2 Surg	\$454	\$373	\$386	\$424	\$470	\$368	\$373	\$380	\$363	\$500	\$561	\$426
3 Psych	\$2,346	\$3,418	\$1,667	\$3,083	\$2,079	\$3,675	\$2,516	\$1,484	\$1,330	\$2,356	\$2,214	\$2,531
4 Psych Res Rehab Treatment Program	\$321	\$326	\$572	\$512	\$297	\$374	\$152	\$26	\$423	\$98	\$373	\$318
5 Non-VA	\$176	\$185	\$143	\$91	\$99	\$44	\$64	\$77	\$181	\$62	\$87	\$142
6 LTC Domiciliary	\$616	\$196	\$1,606	\$1,757	\$1,088	\$1,273	\$192	\$368	\$134	\$515	\$935	\$5
7 LTC Intermediate Care	\$100	\$219	\$7	\$239	\$55	\$272	\$161	\$81	\$76	\$217	\$270	\$109
8 LTC Nursing Home	\$704	\$812	\$703	\$1,172	\$1,169	\$442	\$1,160	\$471	\$330	\$195	\$872	\$1,014
9 Contract Nursing Home	\$149	\$224	\$48	\$70	\$57	\$71	\$40	\$119	\$164	\$114	\$126	\$97
10 OPC Med/Surg	\$1,003	\$1,208	\$1,048	\$1,568	\$855	\$1,180	\$817	\$877	\$857	\$999	\$954	\$766
11 OPC Psych	\$1,815	\$2,725	\$2,567	\$2,435	\$1,377	\$2,109	\$1,121	\$1,466	\$1,233	\$898	\$2,440	\$1,348
12 OPC Home Based Treatment	\$449	\$4,389	\$4,292	\$4,112	\$2,489	\$3,651	\$2,099	\$2,605	\$2,700	\$2,141	\$4,484	\$2,890
13 OPC Support	\$1,333	\$1,426	\$1,506	\$1,730	\$1,154	\$1,542	\$1,116	\$1,211	\$1,413	\$1,121	\$1,246	\$1,142
14 OPC Fee	\$95	\$72	\$105	\$33	\$70	\$66	\$61	\$69	\$89	\$114	\$75	\$63
15 OPC Pharmacy	\$1,537	\$1,531	\$1,453	\$1,456	\$1,619	\$1,944	\$1,529	\$1,585	\$1,540	\$1,429	\$1,275	\$1,499
TOTAL	\$12,050	\$17,765	\$16,887	\$20,079	\$13,747	\$18,124	\$12,212	\$11,590	\$11,773	\$11,907	\$16,778	\$13,128
Mean % Patient Costs at Other Stations	4.9%	6.2%	2.4%	4.8%	6.6%	5.7%	5.3%	5.8%	3.6%	3.7%	5.7%	6.7%
SD	13.9%	15.2%	10.2%	13.2%	16.2%	15.2%	13.8%	15.0%	11.8%	12.7%	15.8%	15.9%
Mean % Patient Costs at Other VISNs	2.0%	1.0%	2.4%	1.7%	1.8%	3.0%	1.9%	2.3%	1.9%	2.3%	1.9%	1.7%
SD	9.0%	5.9%	10.2%	8.1%	8.6%	11.2%	8.1%	10.0%	8.8%	9.9%	9.0%	8.4%

Table 5D: FY02 Patients w/ Bipolar Disorder, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
Patients w/ Bipolar Disorder	70345	3326	3270	4389	3082	3183	2615	3620	2907	4638	3218
<u>Total Costs</u> (in thousands \$)	\$847,634	\$59,905	\$34,558	\$46,333	\$36,675	\$30,188	\$29,228	\$45,846	\$42,033	\$55,689	\$43,072
%	94.9%	7.1%	4.1%	5.5%	4.3%	3.6%	3.4%	5.4%	5.0%	6.6%	5.1%
<u>Psych vs. Non-Psych Costs</u>											
Psych	34.5%	27.0%	28.2%	31.3%	26.3%	26.8%	30.8%	26.3%	27.1%	26.9%	29.5%
Non-Psych	65.5%	73.0%	71.8%	68.7%	73.7%	73.2%	69.2%	73.7%	72.9%	73.1%	70.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<u>Mean Inpatient Costs</u>											
Per Patient	\$13,822	\$16,823	\$11,642	\$14,180	\$12,386	\$11,630	\$14,645	\$12,809	\$18,693	\$15,686	\$14,108
Per Day of Stay	\$725	\$614	\$612	\$707	\$566	\$870	\$824	\$811	\$1,028	\$954	\$956
<u>Mean Outpatient Costs</u>											
Per Patient	\$6,233	\$10,521	\$8,553	\$7,935	\$8,087	\$6,986	\$8,581	\$9,712	\$11,519	\$11,217	\$11,207
Per Clinic Stop	\$254	\$298	\$360	\$386	\$335	\$328	\$368	\$393	\$469	\$463	\$400
<u>Mean Patient Costs, By Cost Center</u>											
1 Med	\$950	\$1,408	\$842	\$1,024	\$874	\$945	\$867	\$1,117	\$1,068	\$948	\$887
2 Surg	\$454	\$687	\$292	\$449	\$538	\$470	\$500	\$559	\$539	\$453	\$469
3 Psych	\$2,346	\$3,575	\$2,579	\$2,595	\$2,338	\$1,588	\$2,548	\$1,965	\$2,715	\$2,042	\$2,335
4 Psych Res Rehab Treatment Program	\$321	\$1,468	\$243	\$68	\$440	\$76	\$194	\$421	\$227	\$12	\$284
5 Non-VA	\$176	\$135	\$193	\$71	\$203	\$228	\$198	\$331	\$692	\$213	\$211
6 LTC Domiciliary	\$616	\$1,269	\$572	\$250	\$912	\$197	\$17	\$983	\$166	\$664	\$890
7 LTC Intermediate Care	\$100	\$35	\$54	\$132	\$44	\$6	\$99	\$15	\$107	\$13	\$24
8 LTC Nursing Home	\$704	\$1,853	\$355	\$378	\$607	\$443	\$395	\$315	\$1,429	\$347	\$855
9 Contract Nursing Home	\$149	\$443	\$158	\$64	\$141	\$84	\$188	\$267	\$191	\$196	\$135
10 OPC Med/Surg	\$1,003	\$1,205	\$855	\$881	\$927	\$992	\$880	\$1,073	\$1,106	\$1,237	\$928
11 OPC Psych	\$1,815	\$2,159	\$1,315	\$1,453	\$1,387	\$1,362	\$1,627	\$2,149	\$2,320	\$2,285	\$2,750
12 OPC Home Based Treatment	\$449	\$3,945	\$3,631	\$2,760	\$2,689	\$1,883	\$2,812	\$3,379	\$4,739	\$4,577	\$4,350
13 OPC Support	\$1,333	\$1,515	\$1,170	\$1,196	\$1,391	\$1,291	\$1,400	\$1,254	\$1,418	\$1,444	\$1,424
14 OPC Fee	\$95	\$55	\$55	\$58	\$43	\$123	\$188	\$278	\$197	\$90	\$106
15 OPC Pharmacy	\$1,537	\$1,505	\$1,492	\$1,574	\$1,613	\$1,328	\$1,654	\$1,549	\$1,668	\$1,552	\$1,611
TOTAL	\$12,050	\$21,257	\$13,806	\$12,952	\$14,146	\$11,017	\$13,567	\$15,656	\$18,583	\$16,073	\$17,260
Mean % Patient Costs at Other Stations	4.9%	6.3%	2.2%	4.6%	3.9%	5.1%	5.2%	5.4%	5.7%	3.8%	5.2%
SD	13.9%	15.3%	9.4%	13.5%	12.7%	13.9%	14.3%	14.8%	16.0%	12.1%	13.8%
Mean % Patient Costs at Other VISNs	2.0%	1.4%	1.9%	2.2%	2.4%	2.9%	2.3%	2.3%	2.3%	1.7%	2.0%
SD	9.0%	7.1%	8.6%	9.3%	9.9%	10.8%	9.3%	9.7%	9.5%	8.1%	8.8%

Table 5E: FY02 pts w/ Other Psychoses, Costs, by VISN

	all VISNs	VISN 1	VISN 2	VISN 3	VISN 4	VISN 5	VISN 6	VISN 7	VISN 8	VISN 9	VISN 10	VISN 11
pts w/ Other Psychoses	39400	1548	797	1363	1474	1054	1854	2215	3704	2391	1486	1176
Total Costs (in thousands \$)	\$559,750	\$24,612	\$13,640	\$20,708	\$20,943	\$20,532	\$23,916	\$30,907	\$41,329	\$33,187	\$23,003	\$16,987
%	95.7%	4.4%	2.4%	3.7%	3.7%	3.7%	4.3%	5.5%	7.4%	5.9%	4.1%	3.0%
Psych vs. Non-Psych Costs												
Psych	18.4%	23.1%	13.9%	13.0%	16.6%	17.0%	17.5%	19.4%	12.2%	13.4%	19.2%	15.0%
Non-Psych	81.6%	76.9%	86.1%	87.0%	83.4%	83.0%	82.5%	80.6%	87.8%	86.6%	80.8%	85.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Mean Hospital Costs, Pts with some Hospital use												
Per Patient	\$15,122	\$16,714	\$16,470	\$17,733	\$15,580	\$14,971	\$13,150	\$15,832	\$11,680	\$14,534	\$14,920	\$14,380
Per Day of Stay	\$860	\$780	\$1,095	\$829	\$856	\$714	\$667	\$820	\$819	\$834	\$826	\$895
Mean Outpatient Costs, Pts with some Outpatient use												
Per Patient	\$5,994	\$7,531	\$7,243	\$6,503	\$4,838	\$9,023	\$4,826	\$6,013	\$5,390	\$5,320	\$5,883	\$5,261
Per Visit Day	\$294	\$295	\$270	\$293	\$283	\$380	\$315	\$315	\$280	\$335	\$267	\$293
Mean Patient Costs, By Cost Center, all pts												
1 Med	\$2,661	\$1,793	\$3,607	\$3,056	\$2,443	\$2,809	\$2,266	\$2,967	\$1,862	\$3,605	\$2,541	\$2,993
2 Surg	\$769	\$1,087	\$827	\$565	\$589	\$558	\$766	\$623	\$544	\$1,043	\$806	\$508
3 Psych	\$1,708	\$2,248	\$1,331	\$1,141	\$1,640	\$2,428	\$1,706	\$1,885	\$719	\$1,522	\$1,884	\$1,451
4 Psych Res Rehab Treatment Program	\$112	\$102	\$242	\$78	\$53	\$161	\$70	\$0	\$115	\$44	\$263	\$144
5 Non-VA	\$198	\$262	\$219	\$40	\$102	\$119	\$181	\$100	\$193	\$118	\$117	\$292
6 LTC Domiciliary	\$230	\$31	\$407	\$301	\$360	\$713	\$154	\$179	\$42	\$99	\$308	\$0
7 LTC Intermediate Care	\$329	\$885	\$0	\$745	\$320	\$754	\$536	\$156	\$238	\$483	\$964	\$509
8 LTC Nursing Home	\$1,621	\$1,117	\$2,791	\$2,410	\$3,658	\$2,407	\$1,865	\$1,399	\$1,013	\$929	\$2,385	\$2,550
9 Contract Nursing Home	\$610	\$862	\$492	\$378	\$265	\$541	\$553	\$667	\$1,051	\$734	\$357	\$754
10 OPC Med/Surg	\$1,242	\$1,714	\$1,568	\$1,726	\$960	\$1,460	\$1,012	\$1,165	\$1,037	\$1,397	\$1,052	\$1,219
11 OPC Psych	\$912	\$1,421	\$1,041	\$839	\$725	\$889	\$553	\$827	\$641	\$337	\$1,081	\$711
12 OPC Home Based Treatment	\$649	\$1,037	\$1,047	\$767	\$413	\$933	\$497	\$754	\$548	\$449	\$817	\$564
13 OPC Support	\$1,509	\$1,608	\$1,849	\$1,814	\$1,090	\$1,556	\$1,209	\$1,644	\$1,600	\$1,427	\$1,475	\$1,287
14 OPC Fee	\$191	\$231	\$290	\$134	\$92	\$136	\$122	\$224	\$137	\$234	\$342	\$147
15 OPC Pharmacy	\$1,468	\$1,502	\$1,403	\$1,198	\$1,499	\$4,015	\$1,410	\$1,362	\$1,417	\$1,459	\$1,087	\$1,314
TOTAL	\$14,207	\$15,899	\$17,114	\$15,193	\$14,208	\$19,481	\$12,899	\$13,954	\$11,158	\$13,880	\$15,479	\$14,445
Mean % Patient Costs at Other Stations	3.5%	5.1%	2.1%	3.1%	5.5%	4.0%	3.9%	4.3%	2.9%	2.1%	3.8%	5.2%
SD	12.2%	15.1%	9.9%	11.3%	15.4%	13.2%	12.6%	13.0%	11.4%	9.5%	12.6%	15.0%
Mean % Patient Costs at Other VISNs	1.4%	1.1%	2.1%	1.4%	1.3%	1.8%	1.0%	1.3%	1.8%	1.3%	1.3%	1.6%
SD	7.7%	6.9%	9.9%	8.0%	7.7%	8.5%	6.4%	7.1%	9.0%	7.4%	7.5%	8.3%

Table 5E: FY02 pts w/ Other Psychoses, Costs, by VISN

	all VISNs	VISN 12	VISN 15	VISN 16	VISN 17	VISN 18	VISN 19	VISN 20	VISN 21	VISN 22	VISN 23
pts w/ Other Psychoses	39400	1641	2238	4115	2247	2012	1011	1595	1753	2316	1410
Total Costs (in thousands \$)	\$559,750	\$26,628	\$28,755	\$47,499	\$32,645	\$30,462	\$15,450	\$23,460	\$29,754	\$31,381	\$23,953
%	95.7%	4.8%	5.1%	8.5%	5.8%	5.4%	2.8%	4.2%	5.3%	5.6%	4.3%
Psych vs. Non-Psych Costs											
Psych	18.4%	19.0%	13.0%	22.3%	21.0%	13.1%	20.9%	21.1%	28.9%	24.3%	19.5%
Non-Psych	81.6%	81.0%	87.0%	77.7%	79.0%	86.9%	79.1%	78.9%	71.1%	75.7%	80.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Mean Inpatient Costs											
Per Patient	\$15,122	\$17,952	\$13,984	\$14,576	\$17,039	\$14,373	\$15,196	\$13,855	\$16,915	\$17,617	\$15,214
Per Day of Stay	\$860	\$928	\$892	\$835	\$661	\$1,088	\$863	\$986	\$1,030	\$1,031	\$1,207
Mean Outpatient Costs											
Per Patient	\$5,970	\$6,318	\$4,853	\$5,050	\$5,483	\$5,822	\$6,010	\$6,456	\$8,642	\$6,676	\$7,324
Per Clinic Stop	\$294	\$221	\$288	\$306	\$296	\$264	\$315	\$281	\$301	\$311	\$298
Mean Patient Costs, By Cost Center											
1 Med	\$2,661	\$3,800	\$3,199	\$2,174	\$2,769	\$3,627	\$2,481	\$2,499	\$1,433	\$2,362	\$3,213
2 Surg	\$769	\$1,153	\$749	\$711	\$982	\$1,108	\$567	\$800	\$788	\$488	\$958
3 Psych	\$1,708	\$2,048	\$1,157	\$1,848	\$2,475	\$1,194	\$2,318	\$1,669	\$2,507	\$2,086	\$1,656
4 Psych Res Rehab Treatment Program	\$112	\$516	\$33	\$65	\$87	\$43	\$131	\$157	\$240	\$0	\$161
5 Non-VA	\$198	\$64	\$213	\$83	\$120	\$386	\$119	\$748	\$514	\$100	\$279
6 LTC Domiciliary	\$230	\$450	\$108	\$100	\$314	\$455	\$3	\$785	\$102	\$146	\$485
7 LTC Intermediate Care	\$329	\$250	\$168	\$348	\$204	\$23	\$425	\$47	\$187	\$68	\$120
8 LTC Nursing Home	\$1,621	\$1,140	\$2,013	\$936	\$1,371	\$1,610	\$1,293	\$1,041	\$2,270	\$1,132	\$2,480
9 Contract Nursing Home	\$610	\$506	\$371	\$243	\$752	\$889	\$1,977	\$535	\$355	\$508	\$329
10 OPC Med/Surg	\$1,242	\$1,382	\$993	\$957	\$1,170	\$1,313	\$1,214	\$1,228	\$1,379	\$1,606	\$1,456
11 OPC Psych	\$912	\$1,036	\$511	\$731	\$581	\$793	\$877	\$1,435	\$2,393	\$1,212	\$1,665
12 OPC Home Based Treatment	\$649	\$751	\$481	\$460	\$686	\$681	\$636	\$505	\$1,115	\$702	\$540
13 OPC Support	\$1,509	\$1,555	\$1,261	\$1,313	\$1,517	\$1,589	\$1,540	\$1,509	\$1,678	\$1,711	\$1,845
14 OPC Fee	\$191	\$137	\$131	\$71	\$123	\$215	\$359	\$320	\$448	\$135	\$351
15 OPC Pharmacy	\$1,468	\$1,437	\$1,460	\$1,503	\$1,377	\$1,214	\$1,342	\$1,430	\$1,565	\$1,293	\$1,453
TOTAL	\$14,207	\$16,227	\$12,849	\$11,543	\$14,528	\$15,140	\$15,282	\$14,708	\$16,973	\$13,549	\$16,988
Mean % Patient Costs at Other Stations	3.5%	4.5%	1.4%	3.0%	1.9%	4.5%	2.9%	5.4%	4.4%	3.0%	3.5%
SD	12.2%	13.1%	7.6%	11.6%	8.8%	14.1%	10.4%	15.3%	13.7%	11.4%	11.3%
Mean % Patient Costs at Other VISNs	1.4%	1.0%	1.2%	1.4%	1.2%	2.1%	1.5%	1.8%	1.4%	1.3%	1.1%
SD	7.7%	6.5%	7.0%	7.9%	6.8%	9.8%	7.6%	8.7%	7.4%	7.3%	5.8%

Appendix A: Psychosis Diagnostic Groupings

Patients were identified using data obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas. Patients were included provided they had at least one qualifying psychosis diagnosis in the FY01 inpatient or outpatient data. The chart below includes all qualifying ICD-9 diagnoses codes and their groupings. Group assignments were determined by ascertaining which diagnosis was recorded in the majority of instances of utilization.

schizophrenic disorders	affective psychoses	other diagnoses of psychosis
295.0 simple type	296.0 manic disorder, single episode	297.0 Paranoid state, simple
295.1 disorganized type	296.1 manic disorder, recurrent episode	297.1 paranoia
295.2 catatonic type	296.4 bipolar affective disorder, manic	297.2 paraphrenia
295.3 paranoid type	296.5 bipolar affective disorder, depressed	297.3 shared paranoid disorder
295.4 acute schizophrenic episode	296.6 bipolar affective disorder, mixed	297.8 other specified paranoid states
295.6 residual schizophrenia	296.7 bipolar affective disorder, unspecified	297.9 unspecified paranoid state
295.7 schizo-affective type	296.8 manic depressive psychosis, other and unspecified	298.0 depressive type psychosis
295.8 other specified types of schizophrenia		298.1 excitative type psychosis
295.9 unspecified schizophrenia		298.2 reactive confusion
		298.3 acute paranoid reaction
		298.4 psychogenic paranoid psychosis
		298.8 other and unspecified reactive psychosis
		298.9 unspecified psychosis

Appendix B: Cost

The Allocation Resource Center (ARC) in Braintree, Massachusetts, provided cost data for each patient by facility and cost center. The ARC database is an integrated, costed, clinical database for all veterans receiving care in a given fiscal year. ARC's basic approach is that patient costs = (patient workload) x (unit costs). Patient workload is estimated from a broad set of data resources. The ARC data sources include the Patient Treatment File, the Patient Assessment File, the Immunology Case Registry, the Fee Basis File, Home Dialysis, the Outpatient Care File, Outpatient Pharmacy data, HCFA, and the Cost Distribution Report. The ARC estimates each patient's portion of the total resource utilization and applies that proportion to unit costs, which are based on Decision Support System (DSS) data. ARC cost estimates encompass direct and indirect costs, excluding capital expenses. Note that in FY99 and FY00 the ARC derived costs from Cost Distribution Report data (CDR). This report presents ARC cost estimates for FY01 derived from DSS costs data.

A patient's total costs are assigned to the station at which they had the most utilization. We aggregate service location costs into 15 groups, as follows:

ARC FY01 Cost Data:

Group 1: Medicine

- Blind Rehab
- Epilepsy Center
- Medicine
- Medical GEM
- Medical ICU
- Neurology
- Neurology GEM
- Rehabilitation
- Rehabilitation GEM
- Spinal Cord Injury

Group 2: Surgery

- Operating Room Procedures
- Surgical ICU
- Surgery
- Transplant Team Costs

Group 3: Psychiatry

- Eval/Brief Trmt PTSD
- Psychiatry
- Psychiatry GEM
- Psy General Intermediate
- Psy Subst Intermed
- Spec Inpt PTSD Unit
- Sustained Trmt and Rehab
- Substance Abuse STAR
- Substance Abuse

Group 4: PR RTP

- Psych Resid Rehab Trmt
- PTSD Resid Rehab Trmt
- Homeless Chron Ment Ill
- Substance Abuse CWT
- Subst Abuse Resid Rehab Trmt

Group 5: Non-VA

Non V.A. Medicine
Non V.A. Psychiatry
Non V.A. Surgery

Group 6: LTC: Domiciliary

Domiciliary
Domiciliary Substance Abuse
Domiciliary PTSD
Domiciliary GEM

Group 7: LTC: Intermediate Care

Intermediate Care
Intermediate GEM

Group 8: LTC: Nursing Home

Nursing Home GEM
Nursing Home Care

Group 9: Contract Nursing Home

Non V.A. Nursing Home

Group 10: Outpatient Care -- Med/Surg

Cancer Treatment
Outpatient Admit/Screen
Outpatient Ambulatory Surgery
Outpatient Dialysis
Outpatient Medicine
Outpatient Surgery
Primary Care Surgery

Group 11: Outpatient Care -- Psych

Homeless Mentally Ill
Outpatient Gen Psych
Outpatient PTSD
Outpatient Spc Psych
Outpatient Substance Abuse
Outpatient Substance Disorder
Primary Care Psych
Psychosocial Group

Group 12: Outpatient Care -- Home Based Treatment

Home Based Dialysis
Home Based Primary Care
Outpatient Residential
Primary Care Medicine
SCI Home Care
Sustained Trmt and Rehab

Group 13: Outpatient Care -- Support

Ambulatory Care
DOM After Care - VA

Outpatient ADHC
Outpatient Ancillary
Outpatient Dentistry
Outpatient Diagnostic
Outpatient Prosthetics
Outpatient Rehab
Telephone Contact

Group 14: Outpatient Care -- Fee
Non V.A. Ambulatory Care

Group 15: Outpatient Care -- Pharmacy
Outpatient Pharmacy

Appendix C: Utilization Data

All utilization data was obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas.

1. hospital based utilization, (based on the patient's bed section at discharge)
 - a. psych and non-psych- reported for those with some hospital based utilization
 - i. non-psych- reported for those with some hospital based utilization
 - ii. psych- reported for those with some hospital based utilization includes:
 - SA/CWT
 - Gem Psychiatry
 - PTSD CWT
 - General CWT/TR
 - Acute psych
 - Long term psych
 - Alc dep, high int
 - Drug dep, high int
 - SA, high int
 - Spec IP PTSD unit
 - Psych SA, inter care
 - STAR
 - SA STAR
 - Eval/brief tx, PTSD
 - Psych-general intermed
 - High inten gen psych
 - Psych observation
2. other 24 hour institutional care, (based on the patient's bed section at discharge)
 - b. res rehab- reported for those with some res rehab, includes:
 - Psych Res Rehab Treatment
 - PTSD Res Rehab Treatment
 - Sub Abuse Res Rehab Treatment
 - c. dom and voc- reported for those with some dom or voc, includes:
 - HCMC CWT/TR
 - SA CWT/TR
 - Domiciliary
 - Dom Substance Abuse
 - Dom PTSD
 - Gem Dom
 - d. nursing home- reported for those with some nursing home, includes:
 - Nursing Home Care
 - Gem NHCU
 - Respite Care
3. outpatient care- all variables reported for those with some outpatient care
 - e. annual clinic stops
 - i. non-psych clinic stops
 - ii. psych clinic stops
 1. general psych clinic stops, includes:
 - Bereavement Counseling
 - Mental Health Clinic (Individual)
 - Mental Health Care Residential (Individual)
 - Psychiatry MD (Individual)
 - Psychology (Individual)
 - Psychiatry Consultation
 - Long-term Enhancement
 - Long-term Enhancement (Group)

- Active Duty Sexual Trauma
- Women's Stress Disorder Treatment Teams
- Telephone General Psychiatry
- Telephone Homeless Mentally Ill
- Telephone HUD-VASH
- Mental Health Primary Care Team (Individual)
- Psychosocial Rehabilitation (Individual)
- Telephone Mental Health Vocational
- Telephone Psychosocial Rehabilitation
- Mental Health Clinic (Group)
- Psychiatry Group
- Psychology (Group)
- Psychosocial Rehabilitation (Group)
- Mental Health Primary Care Team (Group)
- Psychogeriatric Clinic (Individual)
- Psychogeriatric Clinic (Group)
- Telephone Psychogeriatrics
- Non-Active Duty Sexual Trauma
- 2. psych case management clinic stops, includes:
 - Telephone/MHICM
 - IPCC Community Visit
 - Intensive Community Case Management (ICCM)
- 3. psych day treatment clinic stops, includes:
 - Day Treatment (Individual)
 - Day Hospital (Individual)
 - Day Treatment (Group)
 - Day Hospital (Group)
- 4. substance abuse clinic stops, includes:
 - Substance Abuse (Individual)
 - Substance Abuse Home Visit
 - Opioid Substitute
 - Telephone Substance Abuse
 - Intensive Substance Abuse Treatment
 - Substance Abuse (Group)
- 5. psych vocational clinic stops, includes:
 - Mental Health Vocational Assistance (Individual)
 - Mental Health Incentive Therapy (Group)
 - Mental Health Compensated Work Therapy (CWT) (Group)
 - Mental Health Vocational Assistance (Group)
- 6. PTSD clinic stops, includes:
 - PTSD (Individual)
 - Substance Use Disorder/PTSD Teams
 - Post Traumatic Stress Disorder (PTSD)
 - Telephone PTSD
 - PCT-PTSD (Group)
 - PTSD (Group)
 - PTSD Day Hospital
 - PTSD Day Treatment
- 7. psych homeless clinic stops, includes:
 - (HUD) – (VASH)
 - Health Care for Homeless veterans (HCHV)/HMI
 - Community Outreach to Homeless Vets by Staff other than HCHV
 - Domiciliary Care for Homeless Veterans (DCHV) programs

Appendix D: ARC VERA 10 Price Groups (from website below)

From: http://vaww.arc.med.va.gov/reports/vera/VERA2003/FY03_PtClasses_to_VERA10_PriceGrps.htm

ASSIGNMENT OF VERA PATIENT CLASSES TO VERA 10 PRICE GROUPS		
	VERA Price Groups - Basic	VERA Patient Classes
1	Non-reliant Care	Compensation and Pension Exams
		Employee/Collateral
		Pharmacy
		Non-vested
2	Basic Medical	Ear, Nose, and Throat
		Other Acute Disease
		Endocrine, Nutritional, Metabolic Disorders
		Central Nervous System
		Musculoskeletal Disorders
3	Mental Health	Acute Mental Disease
		Addictive Disorders
4	Heart/Lung/GI	Cardiovascular Disease
		Gastroenterology Disorders
		Pulmonary Disease
5	Oncology/Infectious Disease	Hep C w/o drug therapy
		HIV w/o drug therapy
		Oncology
6	Multiple Medical	Medical + Psych + Sub Abuse
		Psych + Substance Abuse
		Multiple Medical
		PTSD Acute
	VERA Price Groups - Complex	VERA Patient Classes
7	Specialized Care	Hep C with drug therapy
		HIV with drug therapy
		PTSD Chronic
		Home Based Primary Care
		Traumatic Brain Injury
8	Support Care	Stroke
		SCI Para - Old Injury
		Domiciliary
		SCI Quad - Old Injury
		Blind Rehab
		Community Nursing Home
		Low ADL
9	Chronic Mental	Mental Health Intensive Care Mgmt
		Other Psychosis
		Substance Abuse
		Schizophrenia and Dementia

10	Critically Ill	SCI Para - New Injury
		Behavioral
		Clinical Complex
		End Stage Renal Disease
		Physical
		SCI Quad - New Injury
		Rehabilitation
		Specialized Care
		Transplants
		Ventilator